

Hart 6H

MD (usft)	CL (usft)	Inc (°)	Azi (°)	TVD (usft)	NS (usft)	EW (usft)	Northing (usft)	Easting (usft)	V.Sec (usft)	Dogleg (°/100)
0		0	0	0	0	0	516937.8	1644547	0	
100	100	0.24	170.9	100	-0.21	0.03	516937.6	1644547	-0.17	0.24
125	25	0.09	213.31	125	-0.27	0.03	516937.5	1644547	-0.21	0.74
150	25	0.13	330.66	150	-0.27	0.01	516937.5	1644547	-0.19	0.76
175	25	0.15	324.15	175	-0.22	-0.03	516937.6	1644547	-0.13	0.1
200	25	0.17	333.04	200	-0.16	-0.06	516937.6	1644547	-0.06	0.13
225	25	0.15	3.24	225	-0.09	-0.08	516937.7	1644547	-0.01	0.34
250	25	0.15	22.75	250	-0.03	-0.06	516937.7	1644547	0.03	0.2
275	25	0.24	18.17	275	0.05	-0.03	516937.8	1644547	0.06	0.37
300	25	0.31	8.16	300	0.17	-0.01	516937.9	1644547	0.13	0.34
325	25	0.4	10.01	325	0.32	0.02	516938.1	1644547	0.21	0.36
350	25	0.46	17.44	350	0.5	0.06	516938.3	1644547	0.31	0.33
375	25	0.46	6.29	375	0.7	0.1	516938.5	1644547	0.42	0.36
400	25	0.48	5.38	400	0.9	0.12	516938.7	1644547	0.55	0.09
425	25	0.44	10.37	425	1.1	0.15	516938.9	1644547	0.67	0.23
450	25	0.41	9.58	449.99	1.28	0.18	516939	1644547	0.77	0.12
475	25	0.41	0.08	474.99	1.46	0.2	516939.2	1644547	0.89	0.27
500	25	0.36	1.94	499.99	1.63	0.2	516939.4	1644547	1	0.21
525	25	0.43	355.82	524.99	1.8	0.2	516939.6	1644547	1.13	0.33
550	25	0.36	352.92	549.99	1.97	0.18	516939.7	1644547	1.26	0.29
575	25	0.29	13.29	574.99	2.11	0.18	516939.9	1644547	1.35	0.54
600	25	0.31	14.85	599.99	2.24	0.22	516940	1644547	1.42	0.09
625	25	0.26	4.72	624.99	2.36	0.24	516940.1	1644547	1.49	0.28
650	25	0.29	2.04	649.99	2.48	0.25	516940.2	1644547	1.57	0.13
675	25	0.32	355.29	674.99	2.61	0.24	516940.4	1644547	1.66	0.19
700	25	0.35	354.46	699.99	2.76	0.23	516940.5	1644547	1.77	0.12
725	25	0.37	354.26	724.99	2.92	0.21	516940.7	1644547	1.9	0.08
750	25	0.23	343.81	749.99	3.05	0.19	516940.8	1644547	2	0.6
775	25	0.33	358.91	774.99	3.17	0.18	516940.9	1644547	2.1	0.49
800	25	0.26	358.22	799.99	3.29	0.17	516941.1	1644547	2.19	0.28
823.26	23.26	0.31	353.09	823.25	3.41	0.16	516941.2	1644547	2.28	0.24
917	93.74	0.28	20.54	916.99	3.88	0.21	516941.6	1644547	2.57	0.15
965	48	0.21	337.5	964.99	4.07	0.22	516941.8	1644547	2.7	0.4

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1059	94	0.43	219.27	1058.99	3.95	-0.07	516941.7	1644547	2.82	0.6
1154	95	1.42	233.77	1153.97	2.98	-1.24	516940.8	1644546	2.98	1.06
1249	95	2.96	226.74	1248.9	0.6	-3.98	516938.4	1644543	3.26	1.64
1343	94	3.6	223.02	1342.75	-3.22	-7.76	516934.6	1644539	3.27	0.72
1438	95	5.18	215.98	1437.46	-8.87	-12.32	516929.1	1644535	2.55	1.75
1533	95	5.42	204.44	1532.06	-16.42	-16.69	516921.6	1644530	0.36	1.15
1628	95	4.25	199.56	1626.72	-23.83	-19.73	516914.2	1644527	-2.67	1.3
1722	94	2.63	192.41	1720.55	-29.21	-21.36	516908.8	1644525	-5.29	1.78
1817	95	2.12	174.65	1815.47	-33.09	-21.66	516905	1644525	-7.8	0.94
1912	95	1.72	149.32	1910.42	-36.07	-20.77	516902	1644526	-10.52	0.98
2005	93	2.3	130.04	2003.36	-38.47	-18.63	516899.5	1644528	-13.73	0.95
2100	95	2.93	129.49	2098.26	-41.24	-15.29	516896.7	1644531	-18.05	0.66
2168	68	3.18	120.59	2166.17	-43.3	-12.33	516894.6	1644534	-21.61	0.79
2269	101	2.53	126.3	2267.04	-46.05	-8.12	516891.8	1644538	-26.54	0.7
2363	94	1.59	126.25	2360.98	-48.05	-5.4	516889.8	1644541	-29.88	1
2458	95	0.81	114.4	2455.96	-49.11	-3.72	516888.7	1644543	-31.82	0.86
2553	95	0.4	101.79	2550.95	-49.45	-2.79	516888.4	1644544	-32.72	0.45
2648	95	0.33	106.27	2645.95	-49.6	-2.2	516888.2	1644544	-33.24	0.08
2742	94	0.22	355.27	2739.95	-49.49	-1.96	516888.3	1644545	-33.35	0.49
2837	95	0.25	300.55	2834.95	-49.2	-2.15	516888.6	1644544	-33.01	0.23
2932	95	0.29	281.1	2929.95	-49.05	-2.56	516888.7	1644544	-32.61	0.1
3026	94	0.5	306.6	3023.94	-48.76	-3.13	516889	1644543	-32	0.29
3121	95	0.52	315.78	3118.94	-48.21	-3.76	516889.6	1644543	-31.16	0.09
3215	94	0.67	316.94	3212.94	-47.5	-4.43	516890.3	1644542	-30.18	0.16
3310	95	0.85	314.32	3307.93	-46.6	-5.32	516891.2	1644541	-28.92	0.19
3404	94	0.97	298.62	3401.92	-45.73	-6.51	516892.1	1644540	-27.46	0.29
3499	95	1.01	306.93	3496.9	-44.84	-7.89	516893	1644539	-25.86	0.16
3594	95	1.17	305.75	3591.88	-43.77	-9.34	516894.1	1644537	-24.07	0.17
3689	95	1.24	297.83	3686.86	-42.73	-11.04	516895.2	1644536	-22.13	0.19
3784	95	1.17	301.03	3781.84	-41.75	-12.78	516896.2	1644534	-20.2	0.1
3878	94	0.99	288.4	3875.83	-41	-14.37	516897	1644532	-18.54	0.32
3972	94	1.07	291.26	3969.81	-40.42	-15.96	516897.6	1644531	-17	0.1
4067	95	0.92	305.88	4064.8	-39.65	-17.41	516898.3	1644529	-15.44	0.31
4162	95	0.71	310.56	4159.79	-38.82	-18.47	516899.2	1644528	-14.09	0.23
4257	95	0.76	307.9	4254.78	-38.05	-19.42	516900	1644527	-12.88	0.06
4352	95	0.74	305.13	4349.77	-37.31	-20.42	516900.7	1644526	-11.65	0.04
4446	94	0.45	8.74	4443.77	-36.6	-20.86	516901.4	1644526	-10.84	0.72

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4541	95	0.41	339.42	4538.76	-35.91	-20.92	516902.1	1644526	-10.31	0.23
4635	94	0.59	310.73	4632.76	-35.28	-21.4	516902.8	1644525	-9.52	0.32
4730	95	0.99	260.86	4727.75	-35.09	-22.58	516903	1644524	-8.55	0.8
4824	94	1.06	267.72	4821.74	-35.26	-24.25	516902.8	1644522	-7.47	0.15
4918	94	0.93	280.48	4915.72	-35.15	-25.87	516902.9	1644521	-6.25	0.27
5013	95	0.99	294.7	5010.71	-34.67	-27.38	516903.4	1644519	-4.84	0.26
5107	94	0.9	302.47	5104.7	-33.93	-28.74	516904.2	1644518	-3.35	0.17
5202	95	0.79	291.54	5199.69	-33.29	-29.98	516904.9	1644517	-2.02	0.2
5296	94	0.91	291.07	5293.68	-32.79	-31.28	516905.4	1644515	-0.74	0.13
5391	95	0.81	287.91	5388.67	-32.31	-32.62	516905.9	1644514	0.55	0.12
5477	86	0.78	299	5474.66	-31.84	-33.71	516906.4	1644513	1.66	0.18
5571	94	6.12	252.31	5568.46	-33.05	-39.05	516905.2	1644508	4.61	5.97
5666	95	9.46	253.99	5662.57	-36.75	-51.38	516901.7	1644495	10.8	3.52
5761	95	14.75	246.98	5755.43	-43.63	-70.03	516895	1644477	19.25	5.77
5855	94	20.94	246.96	5844.86	-54.9	-96.52	516884.1	1644450	30.22	6.59
5950	95	27.64	244.4	5931.41	-71.08	-132.06	516868.4	1644414	44.17	7.14
6045	95	34.02	245.21	6012.94	-91.77	-176.11	516848.3	1644370	61.02	6.73
6139	94	33.7	258.17	6091.1	-108.16	-225.57	516832.5	1644320	84.74	7.68
6234	95	36.09	266.8	6169.06	-115.13	-279.34	516826.2	1644266	118.15	5.77
6328	94	37.5	271.26	6244.35	-116.05	-335.6	516826	1644210	157.58	3.21
6422	94	44.76	283.39	6315.22	-107.73	-396.58	516835.1	1644149	206.85	11.45
6517	95	54.25	288.67	6376.86	-87.59	-465.82	516856.2	1644080	270.31	10.84
6611	94	60.11	295.89	6427.84	-57.53	-538.75	516887.2	1644008	343.35	8.97
6706	95	65.95	301.85	6470.93	-16.6	-612.76	516929	1643934	424.8	8.31
6800	94	73.69	303.28	6503.34	30.88	-687.05	516977.5	1643861	511.03	8.36
6895	95	75.25	302.5	6528.77	80.58	-763.91	517028.2	1643784	600.66	1.82
6989	94	82.81	307.29	6546.66	133.36	-839.49	517081.9	1643709	691.54	9.47
7084	95	90.09	312.57	6552.54	194.17	-912.11	517143.6	1643638	785.95	9.46
7179	95	90	314.48	6552.47	259.59	-980.99	517209.9	1643570	880.93	2.01
7273	94	90.15	315.54	6552.34	326.07	-1047.45	517277.3	1643504	974.93	1.14
7368	95	90	318.05	6552.22	395.31	-1112.48	517347.3	1643440	1069.85	2.65
7463	95	90.12	317.7	6552.12	465.77	-1176.2	517418.6	1643377	1164.69	0.39
7557	94	90.03	317.46	6552	535.16	-1239.61	517488.8	1643315	1258.56	0.27
7652	95	90.31	318.9	6551.71	605.96	-1302.95	517560.4	1643252	1353.37	1.54
7746	94	90.74	318.19	6550.85	676.4	-1365.18	517631.7	1643191	1447.14	0.88
7841	95	90.68	315.93	6549.68	745.94	-1429.89	517702	1643127	1542.04	2.38
7935	94	90.49	316.9	6548.72	814.02	-1494.69	517770.9	1643063	1635.98	1.05

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8030	95	90.95	320.88	6547.52	885.58	-1557.14	517843.3	1643002	1730.69	4.22
8124	94	90.95	321.83	6545.96	958.99	-1615.83	517917.4	1642944	1824.02	1.01
8219	95	90.55	321.58	6544.72	1033.54	-1674.7	517992.7	1642886	1918.28	0.5
8314	95	90.52	321.39	6543.83	1107.87	-1733.85	518067.8	1642828	2012.58	0.2
8408	94	90.58	320.61	6542.93	1180.92	-1793.01	518141.6	1642770	2105.99	0.83
8503	95	90.49	320.41	6542.04	1254.23	-1853.42	518215.7	1642710	2200.48	0.23
8597	94	90.62	319.66	6541.13	1326.27	-1913.79	518288.5	1642651	2294.05	0.81
8692	95	90.55	319.24	6540.16	1398.45	-1975.55	518361.5	1642590	2388.7	0.45
8787	95	90.58	318.41	6539.23	1469.95	-2038.09	518433.8	1642528	2483.43	0.87
8881	94	90.55	318.83	6538.3	1540.48	-2100.23	518505.1	1642467	2577.19	0.45
9070	189	90.62	317.87	6536.37	1681.7	-2225.82	518647.9	1642343	2765.77	0.51
9164	94	90.55	317.14	6535.41	1751	-2289.32	518718.1	1642281	2859.65	0.78
9259	95	90.55	317.2	6534.5	1820.67	-2353.9	518788.5	1642217	2954.54	0.06
9353	94	90.46	318.38	6533.67	1890.29	-2417.05	518859	1642155	3048.39	1.26
9448	95	90.49	317.75	6532.88	1960.96	-2480.53	518930.4	1642092	3143.21	0.66
9542	94	90.62	317.06	6531.97	2030.15	-2544.15	519000.5	1642029	3237.09	0.75
9637	95	90.55	318.33	6531	2100.41	-2608.09	519071.5	1641966	3331.95	1.34
9731	94	90.65	318.93	6530.02	2170.95	-2670.21	519142.9	1641905	3425.71	0.65
9826	95	90.68	319.38	6528.91	2242.81	-2732.34	519215.5	1641844	3520.4	0.47
9921	95	90.71	322.05	6527.76	2316.32	-2792.48	519289.8	1641785	3614.84	2.81
10015	94	90.98	323.96	6526.37	2391.39	-2849.04	519365.6	1641729	3707.81	2.05
10110	95	90.95	325.35	6524.77	2468.87	-2903.98	519443.8	1641675	3801.33	1.46
10205	95	90.95	321.42	6523.2	2545.09	-2960.63	519520.7	1641620	3895.18	4.14
10394	189	91.02	318	6519.95	2689.22	-3082.81	519666.4	1641499	4083.37	1.81
10489	95	90.89	317.96	6518.37	2759.78	-3146.39	519737.8	1641437	4178.18	0.14
10584	95	90.74	318.57	6517.01	2830.67	-3209.63	519809.5	1641374	4272.98	0.66
10678	94	90.71	315.56	6515.82	2899.47	-3273.64	519879.1	1641311	4366.87	3.2
10772	94	90.65	311.92	6514.71	2964.45	-3341.54	519944.9	1641244	4460.84	3.87
10867	95	90.71	312.79	6513.58	3028.45	-3411.74	520009.8	1641175	4555.76	0.92
10961	94	90.71	313.94	6512.42	3092.99	-3480.07	520075.2	1641107	4649.73	1.22
11056	95	90.4	315.44	6511.5	3159.79	-3547.6	520142.9	1641040	4744.72	1.61
11150	94	90.34	315.41	6510.89	3226.75	-3613.57	520210.7	1640975	4838.71	0.07
11245	95	90.31	313.49	6510.35	3293.27	-3681.39	520278.1	1640908	4933.7	2.02
11339	94	90.18	314.12	6509.95	3358.34	-3749.22	520344	1640841	5027.69	0.68
11434	95	90.15	318.2	6509.67	3426.85	-3815.01	520413.4	1640777	5122.64	4.29
11529	95	90.06	322.24	6509.5	3499.84	-3875.78	520487.1	1640717	5217.16	4.25
11623	94	90.18	321.54	6509.3	3573.8	-3933.8	520561.8	1640660	5310.39	0.76

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11718	95	90.18	320.42	6509.01	3647.61	-3993.61	520636.4	1640601	5404.8	1.18
11812	94	90.22	321.46	6508.68	3720.59	-4052.84	520710.2	1640543	5498.22	1.11
11907	95	90.15	323.37	6508.37	3795.87	-4110.78	520786.2	1640486	5592.33	2.01
12001	94	90.25	323.45	6508.04	3871.35	-4166.81	520862.4	1640430	5685.21	0.14
12096	95	90.49	323.79	6507.43	3947.83	-4223.16	520939.6	1640375	5779.03	0.44
12285	189	91.05	317.88	6504.89	4094.29	-4342.46	521087.5	1640258	5966.81	3.14
12379	94	90.52	316.34	6503.6	4163.15	-4406.43	521157.2	1640195	6060.7	1.73
12474	95	89.88	315.24	6503.27	4231.24	-4472.67	521226.2	1640129	6155.68	1.34
12568	94	89.91	314.29	6503.44	4297.44	-4539.41	521293.2	1640063	6249.68	1.01
12758	190	90.12	311.47	6503.39	4426.71	-4678.62	521424.3	1639926	6439.57	1.49
12852	94	90.15	311.47	6503.17	4488.96	-4749.05	521487.4	1639856	6533.43	0.03
12946	94	90.46	314.05	6502.67	4552.78	-4818.06	521552.1	1639788	6627.38	2.76
13041	95	90.46	317.6	6501.9	4620.9	-4884.25	521621.1	1639723	6722.34	3.74
13136	95	90.49	321.8	6501.12	4693.33	-4945.68	521694.3	1639662	6816.93	4.42
13230	94	90.55	324.28	6500.26	4768.43	-5002.19	521770.1	1639607	6909.9	2.64
13325	95	90.43	327.09	6499.45	4846.89	-5055.74	521849.2	1639554	7003.11	2.96
13419	94	90.43	324.37	6498.75	4924.56	-5108.66	521927.6	1639502	7095.32	2.89
13514	95	90.43	318.91	6498.03	4999.02	-5167.6	522002.8	1639444	7189.57	5.75
13703	189	90.46	320.24	6496.56	5142.89	-5290.15	522148.2	1639324	7377.84	0.7
13798	95	90.46	320.77	6495.8	5216.2	-5350.57	522222.3	1639264	7472.33	0.56
13892	94	90.4	320.08	6495.1	5288.65	-5410.45	522295.5	1639205	7565.84	0.74
13987	95	90.4	320.25	6494.43	5361.6	-5471.3	522369.3	1639145	7660.38	0.18
14082	95	90.4	319.88	6493.77	5434.44	-5532.29	522442.9	1639085	7754.94	0.39
14177	95	90.37	319.19	6493.13	5506.72	-5593.94	522515.9	1639025	7849.59	0.73
14230	53	90.37	319.19	6492.79	5546.83	-5628.57	522556.5	1638990	7902.41	0

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