

Company: HRM RESOURCES, LLC
WellName: HOOD #6-2-20
Location: SEC. 17 & 20, T6N-R66W

Vertical Section calculated on an Azimuth of: 197.3540

Survey Calculation Method: Minimum Curvature

FileName: F:\WELL REPORTS\HRM Resources LLC\Hood 6-2-20\Hood # 6-2-20 Surveys.sr5

#	Depth Feet	Inc Degrees	Azimuth Degrees	TVD Feet	SubSea Feet	North Feet	East Feet	Section Feet	Dogleg /100 ft	BldRate /100 ft	Trnrate /100 ft	Comment
0	0.00	0.00	197.35	0.00	4786.00	0.00	0.00	0.00	0.00	0.00	0.00	
1	100.00	0.00	197.35	100.00	4686.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	200.00	0.00	197.35	200.00	4586.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	300.00	0.00	197.35	300.00	4486.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	400.00	0.00	197.35	400.00	4386.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	500.00	0.00	197.35	500.00	4286.00	0.00	0.00	0.00	0.00	0.00	0.00	
6	600.00	0.00	197.35	600.00	4186.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	700.00	0.00	197.35	700.00	4086.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	742.50	0.00	197.35	742.50	4043.50	KOP, B.G. 2°/100'		0.00	0.00	0.00	0.00	
9	800.00	1.15	197.35	800.00	3986.00	-0.55	-0.17	0.58	2.00	2.00	0.00	
10	900.00	3.15	197.35	899.92	3886.08	-4.13	-1.29	4.33	2.00	2.00	0.00	
11	1000.00	5.15	197.35	999.65	3786.35	-11.04	-3.45	11.56	2.00	2.00	0.00	
12	1100.00	7.15	197.35	1099.07	3686.93	-21.26	-6.64	22.28	2.00	2.00	0.00	
13	1200.00	9.15	197.35	1198.06	3587.94	-34.79	-10.87	36.45	2.00	2.00	0.00	
14	1300.00	11.15	197.35	1296.49	3489.51	-51.61	-16.13	54.07	2.00	2.00	0.00	
15	1400.00	13.15	197.35	1394.24	3391.76	-71.70	-22.41	75.12	2.00	2.00	0.00	
16	1500.00	15.15	197.35	1491.20	3294.80	-95.03	-29.70	99.57	2.00	2.00	0.00	
17	1600.00	17.15	197.35	1587.25	3198.75	-121.58	-37.99	127.38	2.00	2.00	0.00	
18	1700.00	19.15	197.35	1682.27	3103.73	-151.31	-47.29	158.53	2.00	2.00	0.00	
19	1742.50	20.00	197.35	1722.32	3063.68	TOS, 20°		-164.90	172.77	2.00	2.00	0.00
20	1800.00	20.00	197.35	1776.35	3009.65	-183.67	-57.40	192.43	0.00	0.00	0.00	
21	1900.00	20.00	197.35	1870.32	2915.68	-216.32	-67.60	226.64	0.00	0.00	0.00	
22	2000.00	20.00	197.35	1964.29	2821.71	-248.96	-77.80	260.84	0.00	0.00	0.00	
23	2100.00	20.00	197.35	2058.26	2727.74	-281.61	-88.00	295.04	0.00	0.00	0.00	
24	2200.00	20.00	197.35	2152.22	2633.78	-314.26	-98.20	329.24	0.00	0.00	0.00	
25	2300.00	20.00	197.35	2246.19	2539.81	-346.90	-108.41	363.44	0.00	0.00	0.00	
26	2400.00	20.00	197.35	2340.16	2445.84	-379.55	-118.61	397.65	0.00	0.00	0.00	
27	2500.00	20.00	197.35	2434.13	2351.87	-412.19	-128.81	431.85	0.00	0.00	0.00	
28	2600.00	20.00	197.35	2528.10	2257.90	-444.84	-139.01	466.05	0.00	0.00	0.00	
29	2700.00	20.00	197.35	2622.07	2163.93	-477.48	-149.21	500.25	0.00	0.00	0.00	
30	2800.00	20.00	197.35	2716.04	2069.96	-510.13	-159.41	534.45	0.00	0.00	0.00	
31	2900.00	20.00	197.35	2810.01	1975.99	-542.77	-169.62	568.66	0.00	0.00	0.00	
32	3000.00	20.00	197.35	2903.98	1882.02	-575.42	-179.82	602.86	0.00	0.00	0.00	
33	3100.00	20.00	197.35	2997.95	1788.05	-608.06	-190.02	637.06	0.00	0.00	0.00	
34	3200.00	20.00	197.35	3091.92	1694.08	-640.71	-200.22	671.26	0.00	0.00	0.00	
35	3300.00	20.00	197.35	3185.89	1600.11	-673.35	-210.42	705.46	0.00	0.00	0.00	
36	3400.00	20.00	197.35	3279.86	1506.14	-706.00	-220.62	739.67	0.00	0.00	0.00	
37	3500.00	20.00	197.35	3373.82	1412.18	-738.64	-230.83	773.87	0.00	0.00	0.00	
38	3600.00	20.00	197.35	3467.79	1318.21	-771.29	-241.03	808.07	0.00	0.00	0.00	
39	3700.00	20.00	197.35	3561.76	1224.24	-803.93	-251.23	842.27	0.00	0.00	0.00	
40	3800.00	20.00	197.35	3655.73	1130.27	-836.58	-261.43	876.47	0.00	0.00	0.00	
41	3900.00	20.00	197.35	3749.70	1036.30	-869.22	-271.63	910.68	0.00	0.00	0.00	

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Vertical Section calculated on an Azimuth of: 197.3540

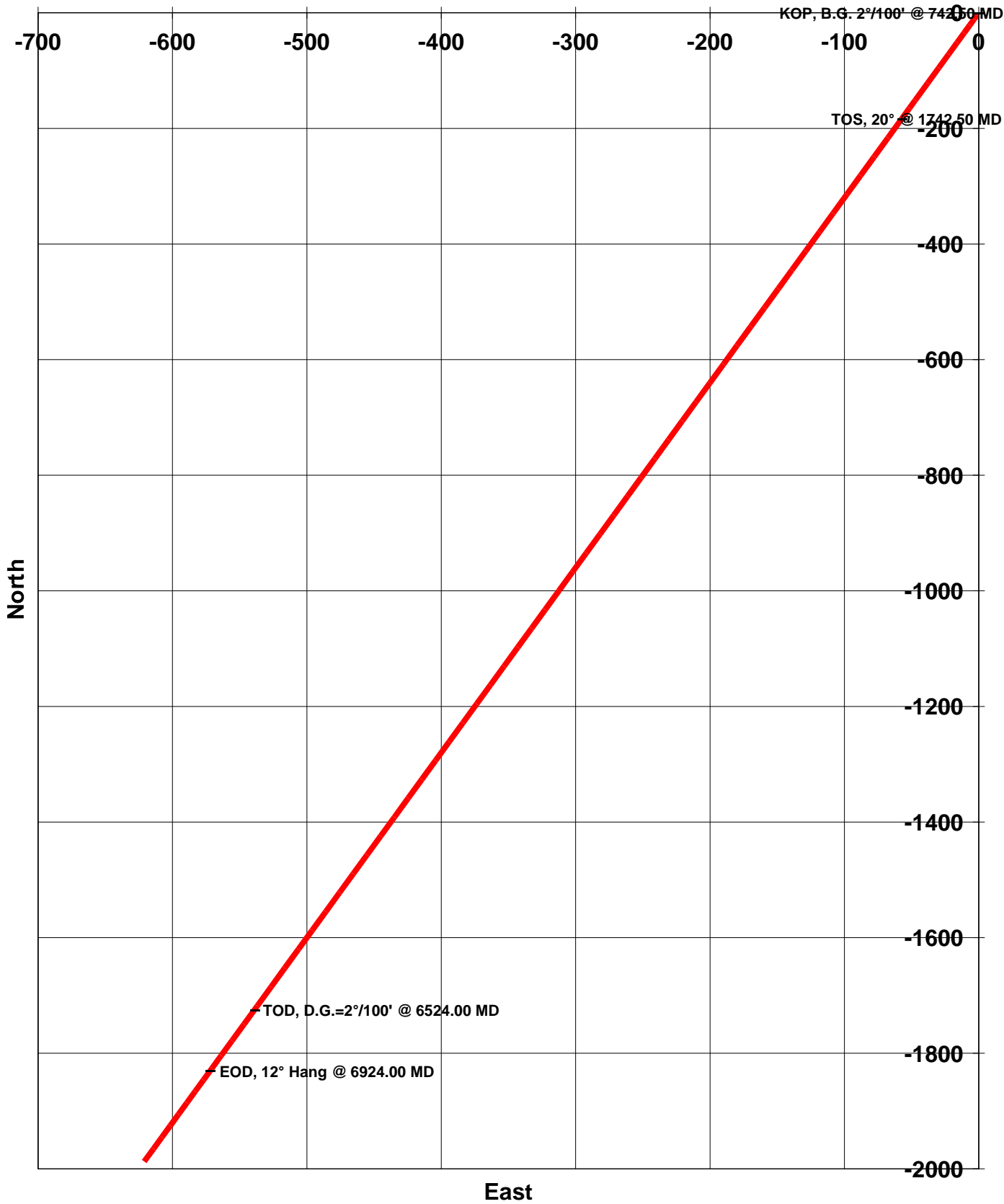
Survey Calculation Method: Minimum Curvature

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#	Depth Feet	Inc Degrees	Azimuth Degrees	TVD Feet	SubSea Feet	North Feet	East Feet	Section Feet	Dogleg /100 ft	BldRate /100 ft	Trnrate /100 ft	Comment
42	4000.00	20.00	197.35	3843.67	942.33	-901.87	-281.83	944.88	0.00	0.00	0.00	
43	4100.00	20.00	197.35	3937.64	848.36	-934.51	-292.04	979.08	0.00	0.00	0.00	
44	4200.00	20.00	197.35	4031.61	754.39	-967.16	-302.24	1013.28	0.00	0.00	0.00	
45	4300.00	20.00	197.35	4125.58	660.42	-999.80	-312.44	1047.48	0.00	0.00	0.00	
46	4400.00	20.00	197.35	4219.55	566.45	-1032.45	-322.64	1081.69	0.00	0.00	0.00	
47	4500.00	20.00	197.35	4313.52	472.48	-1065.09	-332.84	1115.89	0.00	0.00	0.00	
48	4600.00	20.00	197.35	4407.49	378.51	-1097.74	-343.04	1150.09	0.00	0.00	0.00	
49	4700.00	20.00	197.35	4501.46	284.54	-1130.38	-353.24	1184.29	0.00	0.00	0.00	
50	4800.00	20.00	197.35	4595.43	190.57	-1163.03	-363.45	1218.49	0.00	0.00	0.00	
51	4900.00	20.00	197.35	4689.39	96.61	-1195.67	-373.65	1252.70	0.00	0.00	0.00	
52	5000.00	20.00	197.35	4783.36	2.64	-1228.32	-383.85	1286.90	0.00	0.00	0.00	
53	5100.00	20.00	197.35	4877.33	-91.33	-1260.96	-394.05	1321.10	0.00	0.00	0.00	
54	5200.00	20.00	197.35	4971.30	-185.30	-1293.61	-404.25	1355.30	0.00	0.00	0.00	
55	5300.00	20.00	197.35	5065.27	-279.27	-1326.25	-414.45	1389.50	0.00	0.00	0.00	
56	5400.00	20.00	197.35	5159.24	-373.24	-1358.90	-424.66	1423.71	0.00	0.00	0.00	
57	5500.00	20.00	197.35	5253.21	-467.21	-1391.54	-434.86	1457.91	0.00	0.00	0.00	
58	5600.00	20.00	197.35	5347.18	-561.18	-1424.19	-445.06	1492.11	0.00	0.00	0.00	
59	5700.00	20.00	197.35	5441.15	-655.15	-1456.83	-455.26	1526.31	0.00	0.00	0.00	
60	5800.00	20.00	197.35	5535.12	-749.12	-1489.48	-465.46	1560.51	0.00	0.00	0.00	
61	5900.00	20.00	197.35	5629.09	-843.09	-1522.13	-475.66	1594.72	0.00	0.00	0.00	
62	6000.00	20.00	197.35	5723.06	-937.06	-1554.77	-485.87	1628.92	0.00	0.00	0.00	
63	6100.00	20.00	197.35	5817.03	-1031.03	-1587.42	-496.07	1663.12	0.00	0.00	0.00	
64	6200.00	20.00	197.35	5910.99	-1124.99	-1620.06	-506.27	1697.32	0.00	0.00	0.00	
65	6300.00	20.00	197.35	6004.96	-1218.96	-1652.71	-516.47	1731.52	0.00	0.00	0.00	
66	6400.00	20.00	197.35	6098.93	-1312.93	-1685.35	-526.67	1765.73	0.00	0.00	0.00	
67	6500.00	20.00	197.35	6192.90	-1406.90	-1718.00	-536.87	1799.93	0.00	0.00	0.00	
68	6524.50	20.00	197.35	6215.92	-1429.92	-1725.99	-539.37	1808.31	0.00	0.00	0.00	
69	6600.00	18.49	197.35	6287.20	-1501.20	-1749.75	-546.80	1833.19	2.00	2.00	0.00	
70	6700.00	16.49	197.35	6382.58	-1596.58	-1778.43	-555.76	1863.25	2.00	2.00	0.00	
71	6800.00	14.49	197.35	6478.94	-1692.94	-1803.92	-563.72	1889.95	2.00	2.00	0.00	
72	6900.00	12.49	197.35	6576.17	-1790.17	-1826.19	-570.68	1913.28	2.00	2.00	0.00	
73	6924.50	12.00	197.35	6600.12	-1814.12	-1831.14	-572.23	1918.47	2.00	2.00	0.00	
74	7000.00	12.00	197.35	6673.97	-1887.97	-1846.13	-576.91	1934.17	0.00	0.00	0.00	
75	7100.00	12.00	197.35	6771.78	-1985.78	-1865.97	-583.12	1954.96	0.00	0.00	0.00	
Int	7128.85	12.00	197.35	6800.00	-2014.00	-1871.70	-584.91	1960.96	---	---	---	
77	7200.00	12.00	197.35	6869.60	-2083.60	-1885.82	-589.32	1975.75	0.00	0.00	0.00	
78	7300.00	12.00	197.35	6967.41	-2181.41	-1905.66	-595.52	1996.54	0.00	0.00	0.00	
79	7400.00	12.00	197.35	7065.23	-2279.23	-1925.51	-601.72	2017.34	0.00	0.00	0.00	
80	7500.00	12.00	197.35	7163.04	-2377.04	-1945.35	-607.92	2038.13	0.00	0.00	0.00	
81	7600.00	12.00	197.35	7260.86	-2474.86	-1965.20	-614.12	2058.92	0.00	0.00	0.00	
82	7691.13	12.00	197.35	7350.00	-2564.00	-1983.28	-619.78	2077.87	0.00	0.00	0.00	

Closure is 2077.8658 feet on an Azimuth of 197.3540

Plan View
HOOD #6-2-20



Section View
HOOD #6-2-20

