

Company: RBF 392 Ventures
WellName: 392 Ventures #12-22D
Location: Sec. 22 T6N-R67W

Vertical Section calculated on an Azimuth of: 253.8092
Survey Calculation Method: Minimum Curvature
FileName: F:\WELL REPORTS\RBF\392 Ventures #12-22D\#12-22D DIR SURVEYS #2.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	253.81	0.00	4784.00	0.00	0.00	0.00	0.00	0.00	0.00	
1	100.00	0.00	253.81	100.00	4684.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	200.00	0.00	253.81	200.00	4584.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	300.00	0.00	253.81	300.00	4484.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	400.00	0.00	253.81	400.00	4384.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	500.00	0.00	253.81	500.00	4284.00	0.00	0.00	0.00	0.00	0.00	0.00	
6	600.00	0.00	253.81	600.00	4184.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	700.00	0.00	253.81	700.00	4084.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	800.00	0.00	253.81	800.00	3984.00	0.00	0.00	0.00	0.00	0.00	0.00	
9	845.00	0.00	253.81	845.00	3939.00	0.00	0.00	0.00	0.00	0.00	0.00	
10	900.00	1.65	253.81	899.99	3884.01	-0.22	-0.76	0.79	3.00	3.00	0.00	
11	1000.00	4.65	253.81	999.83	3784.17	-1.75	-6.04	6.29	3.00	3.00	0.00	
12	1100.00	7.65	253.81	1099.24	3684.76	-4.74	-16.32	17.00	3.00	3.00	0.00	
13	1200.00	10.65	253.81	1197.96	3586.04	-9.17	-31.59	32.90	3.00	3.00	0.00	
14	1300.00	13.65	253.81	1295.71	3488.29	-15.04	-51.80	53.94	3.00	3.00	0.00	
15	1345.00	15.00	253.81	1339.31	3444.69	-18.15	-62.50	65.08	3.00	3.00	0.00	
16	1400.00	15.00	253.81	1392.43	3391.57	-22.12	-76.17	79.31	0.00	0.00	0.00	
17	1500.00	15.00	253.81	1489.03	3294.97	-29.33	-101.02	105.19	0.00	0.00	0.00	
18	1600.00	15.00	253.81	1585.62	3198.38	-36.55	-125.88	131.08	0.00	0.00	0.00	
19	1700.00	15.00	253.81	1682.21	3101.79	-43.77	-150.73	156.96	0.00	0.00	0.00	
20	1800.00	15.00	253.81	1778.80	3005.20	-50.98	-175.59	182.84	0.00	0.00	0.00	
21	1900.00	15.00	253.81	1875.40	2908.60	-58.20	-200.44	208.72	0.00	0.00	0.00	
22	2000.00	15.00	253.81	1971.99	2812.01	-65.42	-225.30	234.60	0.00	0.00	0.00	
23	2100.00	15.00	253.81	2068.58	2715.42	-72.63	-250.15	260.49	0.00	0.00	0.00	
24	2200.00	15.00	253.81	2165.17	2618.83	-79.85	-275.01	286.37	0.00	0.00	0.00	
25	2300.00	15.00	253.81	2261.77	2522.23	-87.07	-299.86	312.25	0.00	0.00	0.00	
26	2400.00	15.00	253.81	2358.36	2425.64	-94.28	-324.72	338.13	0.00	0.00	0.00	
27	2500.00	15.00	253.81	2454.95	2329.05	-101.50	-349.58	364.01	0.00	0.00	0.00	
28	2600.00	15.00	253.81	2551.54	2232.46	-108.72	-374.43	389.89	0.00	0.00	0.00	
29	2700.00	15.00	253.81	2648.14	2135.86	-115.93	-399.29	415.78	0.00	0.00	0.00	
30	2800.00	15.00	253.81	2744.73	2039.27	-123.15	-424.14	441.66	0.00	0.00	0.00	
31	2900.00	15.00	253.81	2841.32	1942.68	-130.37	-449.00	467.54	0.00	0.00	0.00	
32	3000.00	15.00	253.81	2937.91	1846.09	-137.58	-473.85	493.42	0.00	0.00	0.00	
33	3100.00	15.00	253.81	3034.51	1749.49	-144.80	-498.71	519.30	0.00	0.00	0.00	
34	3200.00	15.00	253.81	3131.10	1652.90	-152.02	-523.56	545.19	0.00	0.00	0.00	
35	3300.00	15.00	253.81	3227.69	1556.31	-159.23	-548.42	571.07	0.00	0.00	0.00	
36	3400.00	15.00	253.81	3324.28	1459.72	-166.45	-573.27	596.95	0.00	0.00	0.00	
37	3500.00	15.00	253.81	3420.88	1363.12	-173.67	-598.13	622.83	0.00	0.00	0.00	
38	3600.00	15.00	253.81	3517.47	1266.53	-180.89	-622.98	648.71	0.00	0.00	0.00	
39	3700.00	15.00	253.81	3614.06	1169.94	-188.10	-647.84	674.60	0.00	0.00	0.00	
40	3800.00	15.00	253.81	3710.65	1073.35	-195.32	-672.70	700.48	0.00	0.00	0.00	
41	3900.00	15.00	253.81	3807.25	976.75	-202.54	-697.55	726.36	0.00	0.00	0.00	

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Vertical Section calculated on an Azimuth of: 253.8092
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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	15.00	253.81	3903.84	880.16	-209.75	-722.41	752.24	0.00	0.00	0.00	
43	4100.00	15.00	253.81	4000.43	783.57	-216.97	-747.26	778.12	0.00	0.00	0.00	
44	4200.00	15.00	253.81	4097.02	686.98	-224.19	-772.12	804.01	0.00	0.00	0.00	
45	4300.00	15.00	253.81	4193.62	590.38	-231.40	-796.97	829.89	0.00	0.00	0.00	
46	4400.00	15.00	253.81	4290.21	493.79	-238.62	-821.83	855.77	0.00	0.00	0.00	
47	4500.00	15.00	253.81	4386.80	397.20	-245.84	-846.68	881.65	0.00	0.00	0.00	
48	4600.00	15.00	253.81	4483.40	300.60	-253.05	-871.54	907.53	0.00	0.00	0.00	
49	4700.00	15.00	253.81	4579.99	204.01	-260.27	-896.39	933.41	0.00	0.00	0.00	
50	4800.00	15.00	253.81	4676.58	107.42	-267.49	-921.25	959.30	0.00	0.00	0.00	
51	4900.00	15.00	253.81	4773.17	10.83	-274.70	-946.11	985.18	0.00	0.00	0.00	
52	5000.00	15.00	253.81	4869.77	-85.77	-281.92	-970.96	1011.06	0.00	0.00	0.00	
53	5100.00	15.00	253.81	4966.36	-182.36	-289.14	-995.82	1036.94	0.00	0.00	0.00	
54	5200.00	15.00	253.81	5062.95	-278.95	-296.35	-1020.67	1062.82	0.00	0.00	0.00	
55	5300.00	15.00	253.81	5159.55	-375.55	-303.57	-1045.53	1088.71	0.00	0.00	0.00	
56	5400.00	15.00	253.81	5256.14	-472.14	-310.79	-1070.38	1114.59	0.00	0.00	0.00	
57	5500.00	15.00	253.81	5352.73	-568.73	-318.01	-1095.24	1140.47	0.00	0.00	0.00	
58	5600.00	15.00	253.81	5449.32	-665.32	-325.22	-1120.09	1166.35	0.00	0.00	0.00	
59	5700.00	15.00	253.81	5545.92	-761.92	-332.44	-1144.95	1192.23	0.00	0.00	0.00	
60	5800.00	15.00	253.81	5642.51	-858.51	-339.66	-1169.80	1218.12	0.00	0.00	0.00	
61	5900.00	15.00	253.81	5739.10	-955.10	-346.87	-1194.66	1244.00	0.00	0.00	0.00	
62	6000.00	15.00	253.81	5835.69	-1051.69	-354.09	-1219.51	1269.88	0.00	0.00	0.00	
63	6100.00	15.00	253.81	5932.29	-1148.29	-361.31	-1244.37	1295.76	0.00	0.00	0.00	
64	6200.00	15.00	253.81	6028.88	-1244.88	-368.52	-1269.22	1321.64	0.00	0.00	0.00	
65	6300.00	15.00	253.81	6125.47	-1341.47	-375.74	-1294.08	1347.53	0.00	0.00	0.00	
66	6400.00	15.00	253.81	6222.07	-1438.07	-382.96	-1318.94	1373.41	0.00	0.00	0.00	
67	6500.00	15.00	253.81	6318.66	-1534.66	-390.17	-1343.79	1399.29	0.00	0.00	0.00	
68	6600.00	15.00	253.81	6415.25	-1631.25	-397.39	-1368.65	1425.17	0.00	0.00	0.00	
69	6700.00	15.00	253.81	6511.84	-1727.84	-404.61	-1393.50	1451.05	0.00	0.00	0.00	
70	6772.30	15.00	253.81	6581.68	-1797.68	TOS, D.G.=3°/100'		1469.77	0.00	0.00	0.00	
71	6800.00	14.17	253.81	6608.49	-1824.49	-409.82	-1411.47	1476.74	3.00	3.00	0.00	
						-411.77	-1418.17					
						EOD, Hold 12°						
72	6872.30	12.00	253.81	6678.91	-1894.91	-416.33	-1433.89	1493.11	3.00	3.00	0.00	
73	6900.00	12.00	253.81	6706.00	-1922.00	-417.94	-1439.42	1498.87	0.00	0.00	0.00	
74	7000.00	12.00	253.81	6803.82	-2019.82	-423.74	-1459.39	1519.66	0.00	0.00	0.00	
75	7100.00	12.00	253.81	6901.63	-2117.63	-429.53	-1479.35	1540.45	0.00	0.00	0.00	
76	7200.00	12.00	253.81	6999.45	-2215.45	-435.33	-1499.32	1561.24	0.00	0.00	0.00	
77	7300.00	12.00	253.81	7097.26	-2313.26	-441.13	-1519.28	1582.03	0.00	0.00	0.00	
78	7400.00	12.00	253.81	7195.08	-2411.08	-446.93	-1539.25	1602.82	0.00	0.00	0.00	
79	7500.00	12.00	253.81	7292.89	-2508.89	-452.72	-1559.22	1623.61	0.00	0.00	0.00	
80	7600.00	12.00	253.81	7390.71	-2606.71	-458.52	-1579.18	1644.40	0.00	0.00	0.00	
81	7700.00	12.00	253.81	7488.52	-2704.52	-464.32	-1599.15	1665.20	0.00	0.00	0.00	
82	7800.00	12.00	253.81	7586.34	-2802.34	-470.12	-1619.12	1685.99	0.00	0.00	0.00	
83	7900.00	12.00	253.81	7684.15	-2900.15	-475.91	-1639.08	1706.78	0.00	0.00	0.00	
84	7998.00	12.00	253.81	7780.00	-2996.00	-481.59	-1658.65	1727.15	0.00	0.00	0.00	

July 18,2011
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PathTracker 5.0.361
Survey Calculation Program

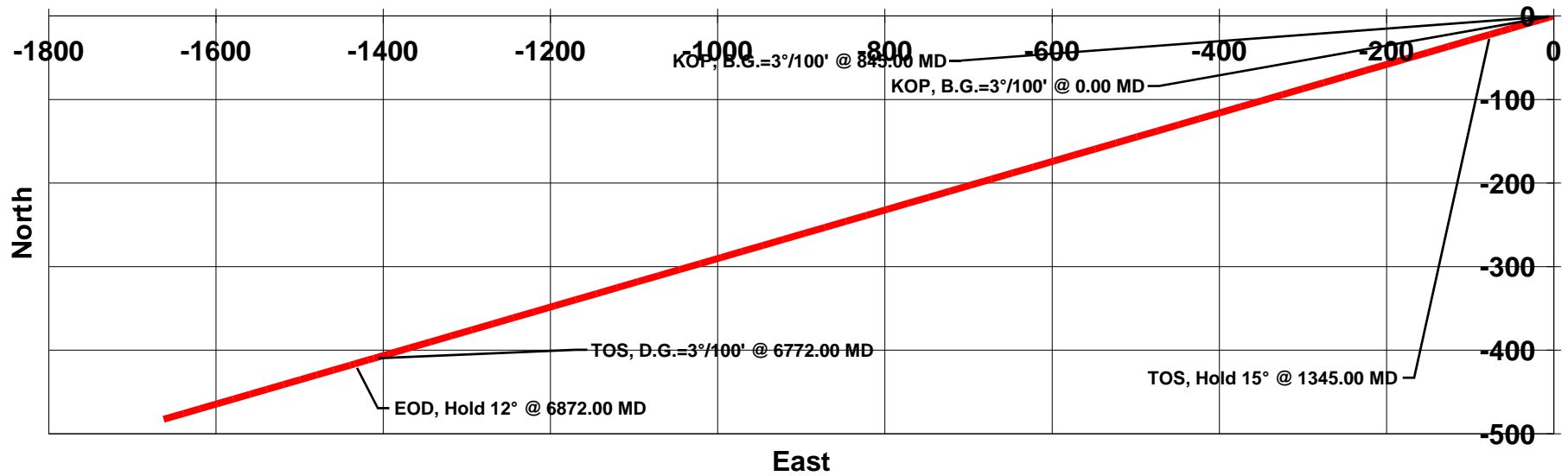
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Vertical Section calculated on an Azimuth of: 253.8092
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Closure is 1727.1521 meters on an Azimuth of 253.8092

Plan View
392 Ventures #12-22D



Section View 392 Ventures #12-22D

