

CUSTOMER: ENERFIN

WELLSITE: 41-06-65

Well Name: 41SUR

12-22-98

Computation Method: 1 (Minimum Curvature)

Plane Of Vert Section 14.86 Height Of TVD Origin Above Field Datum 0.00

Distance Units used ft Dogleg Base Length Used 100

Grid Convergence 0.000 Magnetic Declination 19.000

Target 1 has TVD: 2706.00 LAT: 245.00 DEP: 65.00

MD	Inc	Dir	Tvd	Vsec	Lat	Dep	Build	Turn	Dleg	Tool
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
670.0	2.50	21.00	669.9	3.7	3.5	1.3	1.5	12.4	1.5	
700.0	3.00	25.00	699.9	5.1	4.8	1.9	1.7	13.3	1.8	
765.0	5.00	29.00	764.7	9.5	8.8	4.0	3.1	6.2	3.1	
796.0	5.00	28.00	795.6	12.2	11.2	5.3	0.0	-3.2	0.3	
826.0	6.00	20.00	825.5	15.0	13.8	6.4	3.3	-26.7	4.2	
888.0	6.75	10.00	887.1	21.9	20.4	8.2	1.2	-16.1	2.2	
950.0	7.00	11.00	948.7	29.3	27.7	9.5	0.4	1.6	0.4	
1034.0	7.25	12.00	1032.0	39.7	37.9	11.6	0.3	1.2	0.3	
1128.0	7.50	12.00	1125.2	51.7	49.7	14.1	0.3	0.0	0.3	
1250.0	7.75	12.00	1246.2	67.9	65.6	17.5	0.2	0.0	0.2	
1374.0	7.00	12.00	1369.1	83.8	81.2	20.8	-0.6	0.0	0.6	
1530.0	8.00	12.00	1523.8	104.1	101.1	25.0	0.6	0.0	0.6	
1747.0	8.00	9.00	1738.7	134.2	130.8	30.5	0.0	-1.4	0.2	
1841.0	7.00	9.00	1831.9	146.4	142.9	32.4	-1.1	0.0	1.1	
1935.0	8.00	358.00	1925.1	158.4	155.1	33.1	1.1	-11.7	1.9	
2038.0	7.00	7.00	2027.2	171.4	168.5	33.6	-1.0	8.7	1.5	
2163.0	7.00	19.00	2151.3	186.6	183.2	37.0	0.0	9.6	1.2	
2318.0	6.50	17.00	2305.2	204.8	200.5	42.7	-0.3	-1.3	0.4	
2442.0	6.00	19.00	2428.5	218.3	213.4	46.8	-0.4	1.6	0.4	
2599.0	6.00	17.00	2584.6	234.6	229.0	51.9	0.0	-1.3	0.1	
2970.0	6.00	19.00	2953.6	273.4	265.9	63.9	0.0	0.5	0.1	