

*** NAUTICAL (Version 3.0) ***

Wm. WAD192

Target Azimuth: 270
Target TVD: 4850

Closure Direction: 271

Measured Depth (ft)	Inclination (deg.)	Azimuth (deg.)	True Vertical Depth (ft)	Vertical Section (ft)	North South (ft)	East/ West (ft)	Closure (ft)	Built Rate (deg/ft)	Walk Rate (deg/ft)	Dogleg Severity (d/100')	Tool Face (deg)
4,975.00	79.80	277.40	4,944.60	49.81	1.35	-49.17	49.17				
4,983.00	70.60	273.30	4,946.64	56.87	2.07	-56.87	56.91	-1.150	-0.512	125.2	
5,046.00	87.60	272.80	4,958.51	118.65	6.36	-118.65	118.77	0.270	-0.008	27.0	
5,077.00	87.90	270.00	4,969.73	149.61	6.12	-149.61	149.74	0.010	-0.060	9.1	
5,083.00	92.20	272.20	4,969.71	165.61	6.43	-165.61	165.74	0.269	0.137	30.2	
5,108.00	94.50	272.20	4,968.84	180.57	7.00	-180.57	180.71	0.153	0.000	15.3	
5,139.00	95.40	271.30	4,968.18	211.44	7.94	-211.44	211.59	0.029	-0.029	4.1	
5,165.00	92.60	271.30	4,964.35	237.37	8.53	-237.37	237.53	-0.109	0.000	10.9	
5,202.00	88.60	269.20	4,953.90	274.37	8.69	-274.37	274.51	-0.163	-0.057	11.7	
5,233.00	89.70	270.30	4,954.30	305.37	9.59	-305.37	305.49	0.029	0.035	4.6	
5,264.00	92.00	271.90	4,953.84	336.36	9.15	-336.36	336.48	0.074	0.052	9.0	
5,296.00	88.60	270.90	4,953.88	369.35	9.94	-369.35	369.46	-0.106	-0.031	11.1	
5,327.00	91.10	271.80	4,953.76	399.34	10.67	-399.34	399.46	0.081	0.029	6.6	
5,358.00	90.90	272.60	4,953.22	430.31	11.91	-430.31	430.46	-0.008	0.032	3.3	
5,389.00	88.90	271.10	4,953.27	461.29	12.97	-461.29	461.47	-0.065	-0.055	8.5	
5,421.00	89.90	271.80	4,953.61	493.26	13.72	-493.26	493.47	0.031	0.016	3.5	
5,452.00	88.60	270.60	4,953.96	524.27	14.29	-524.27	524.47	-0.035	-0.035	8.0	
5,484.00	90.60	269.90	4,954.12	556.27	14.40	-556.27	556.46	0.056	-0.019	5.9	
5,515.00	90.60	269.60	4,953.83	587.27	13.97	-587.27	587.44	-0.003	-0.045	4.5	
5,615.00	90.50	265.30	4,953.60	617.27	9.82	-617.19	617.44	-0.001	-0.025	4.5	

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