



Company: HELIX
 Well: H-005
 Location: GREEN CANYON BLOCK 955
 Rig Name: Q4000
 WATER DEPTH/AIR GAP/County: 6673/52/GULF OF MEXICO
 VS-Azi: 0.00 Degrees
 Latitude: 27.00076, Longitude: -90.42647
 Grid North = True North -1.17 degs (NAD 83)
 Grid Correction Applied = -1.17 degs



FIELD COPY ONLY (NOT DEFINITIVE)

DEPTH REFERENCE: : RKB=ROTARY TABLE

DRILLOG MS GYRO SURVEY CALCULATIONS
 Error Model: VESSI_GYROFLEX_SLICKLINE.IPM
 Filename: 3surveys.ut
 Minimum Curvature Method
 Report Date/Time: 5/21/2017 / 07:53

VES SURVEY INTERNATIONAL
 PO BOX 261021
 CORPUS CHRISTI, TX
 1-800-606-4976
 SURVEYOR: DUSTIN SKORUPPA

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
6718.00	0.00	0.00	6718.00	0.00	0.00	0.00	0.00	0.00	****
7218.00	0.09	277.53	7218.00	0.05	-0.37	0.05	0.37	277.53	0.02
7718.00	0.35	334.88	7718.00	1.50	-1.39	1.50	2.05	317.08	0.06
8074.00	0.62	351.34	8073.98	4.42	-2.15	4.42	4.91	333.99	0.08

HORIZONTAL DISPLACEMENT IS
 4.91 FEET AT 333.99 DEGREES