

Great Western Operating Co, LLC
 Directional Survey Report
 Wellpath: Tower LD 19-022HN
 MDs and TVDs are from Rig Floor 5245.0ft above Mean Sea Level

Wellpath Report

MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	DLS [deg/100ft]	Vertical Section[ft]
0.00	0.00	0.00	0.00	0.00	0.00	==>	0.00
83.00	0.31	269.55	83.00	0.00	-0.22	0.37	-0.01
175.00	0.35	245.73	175.00	-0.12	-0.73	0.15	-0.14
262.00	0.18	303.92	262.00	-0.15	-1.09	0.34	-0.19
354.00	0.53	56.77	354.00	0.16	-0.85	0.68	0.13
444.00	1.71	10.01	443.98	1.71	-0.27	1.56	1.70
533.00	1.89	27.94	532.94	4.32	0.65	0.66	4.34
623.00	1.89	13.61	622.89	7.07	1.70	0.52	7.12
713.00	2.02	10.19	712.83	10.07	2.33	0.19	10.14
803.00	3.52	338.90	802.73	14.21	1.61	2.31	14.26
893.00	3.96	342.06	892.54	19.75	-0.34	0.54	19.73
983.00	4.04	349.44	982.32	25.82	-1.88	0.58	25.75
1072.00	3.74	348.65	1071.12	31.75	-3.02	0.34	31.63
1162.00	3.16	5.18	1160.95	37.10	-3.38	1.27	36.97
1252.00	2.72	11.59	1250.84	41.66	-2.73	0.61	41.55
1342.00	2.42	11.59	1340.75	45.61	-1.91	0.33	45.53
1432.00	2.33	10.61	1430.67	49.27	-1.20	0.11	49.21
1522.00	2.11	0.52	1520.60	52.73	-0.84	0.50	52.67
1612.00	1.71	355.77	1610.55	55.72	-0.93	0.48	55.66
1702.00	1.41	345.84	1700.52	58.14	-1.30	0.45	58.06
1791.00	1.05	23.28	1789.50	59.95	-1.24	0.97	59.88
1881.00	1.10	71.27	1879.48	60.98	-0.10	0.97	60.95
1968.00	0.83	127.35	1966.47	60.87	1.19	1.08	60.87
1978.00	0.82	88.39	1976.47	60.83	1.32	5.50	60.84
2023.00	0.82	88.39	2021.47	60.84	1.97	==>	60.88