Halliburton Drilling Systems

Survey Report

Measured Depth (ft)	Incl (deg.)	Drift Dir. (qdeg)	Course Length (ft)	TVD (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft)	(ft)	DLS (dg/100ft)
8810.00	2.00	S 11.20 E	31.00	8809.42	-21.59	12.28 N	35.06W	2.88
8841.00	2.80	S 9.00 E	31.00	8840.39	-20.30	11.00 N	34.83W	2.60
8872.00	4.00	S 14.30 E	31.00	8871.34	-18.47	9.20 N	34.45W	4.00
8904.00	5.40	S 12.40 E	32.00	8903.23	-15.85	6.65 N	33.85W	4.40
8936.00	5.80	S 16.60 E	32.00	8935.08	-12.74	3.63 N	33.06W	1.79
8968.00	6.10	S 17.50 E	32.00	8966.90	-9.42	0.46 N	32.09W	0.98
9000.00	6.80	S 18.60 E	32.00	8998.70	-5.83	2.96 S	30.97W	2.22
9032.00	7.60	S 20.00 E	32.00	9030.45	-1.82	6.74 S	29.65W	2.56
9063.00	7.80	S 19.20 E	31.00	9061.17	2.33	10.66 S	28.25W	0.73
9095.00	8.30	S 19.80 E	32.00	9092.85	6.80	14.88 S	26.76W	1.58
9127.00	8.60	S 22.20 E	32.00	9124.50	11.48	19.27 S	25.07W	1.45
9158.00	9.00	S 20.10 E	31.00	9155.14	16.21	23.69 S	23.36W	1.65
9190.00	9.00	S 21.90 E	32.00	9186.75	21.20	28.36 S	21.57W	0.88
9221.00	8.80	S 20.50 E	31.00	9217.37	25.97	32.83 S	19.83W	0.95
9253.00	8.60	S 20.70 E	32.00	9249.00	30.80	37.37 S	18.13W	0.63
9284.00	8.90	S 21.70 E	31.00	9279.64	35.50	41.76 S	16.42W	1.09
9315.00	9.10	S 23.80 E	31.00	9310.26	40.32	46.23 S	14.55W	1.24
9347.00	10.00	S 25.00 E	32.00	9341.82	45.57	51.07 S	12.35W	2.88
9379.00	10.10	S 25.20 E	32.00	9373.33	51.09	56.12 S	9.98W	0.33
9410.00	10.40	S 24.20 E	31.00	9403.83	56.54	61.14 S	7.68W	1.13
9442.00	9.90	S 24.20 E	32.00	9435.33	62.13	66.28 S	5.37W	1.56
9473.00	9.50	S 22.90 E	31.00	9465.89	67.31	71.07 S	3.28W	1.47
9505.00	9.70	S 23.10 E	32.00	9497.44	72.61	75.98 S	1.19W	0.63
9537.00	9.40	S 24.40 E	32.00	9529.00	77.87	80.84 S	0.94 E	1.15
9568.00	9.30	S 20.10 E	31.00	9559.59	82.88	85.50 S	2.85 E	2.28
9600.00	9.20	S 19.80 E	32.00	9591.17	88.01	90.33 S	4.61 E	0.35
9633.00	9.00	S 20.00 E	33.00	9623.75	93.22	95.24 S	6.38 E	0.61
9664.00	9.60	S 22.40 E	31.00	9654.35	98.21	99.91 S	8.20 E	2.30
9694.00	9.70	S 19.80 E	30.00	9683.92	103.22	104.60 S	10.01 E	1.49
9726.00	9.90	S 20.10 E	32.00	9715.46	108.65	109.72 S	11.86 E	0.65
9758.00	9.60	S 23.10 E	32.00	9746.99	114.05	114.75 S	13.86 E	1.84
9790.00	9.80	S 24.40 E	32.00	9778.54	119.39	119.69 S	16.03 E	0.93
9822.00	9.60	S 21.70 E	32.00	9810.08	124.75	124.65 S	18.14 E	1.55
9853.00	9.50	S 23.10 E	31.00	9840.65	129.86	129.40 S	20.10 E	0.82
9885.00	9.50	S 22.60 E	32.00	9872.21	135.11	134.27 S	22.15 E	0.26

BHA #2 @ 9908' 6 1/4" SPERRY-DRILL ABH - F57PS