

Illiburton Drilling System

Survey Report

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Date: 9/18/98

Wellpath ID: survey

Measured Depth (ft)	Incl (deg.)	Drift Dir. (qdeg)	Course Length (ft)	TVD (ft)	Vertical Section (ft)	T O T A L Rectangular Offsets (ft)		DLS (dg/100ft)
9822.00	12.70	S 74.40 W	30.00	9755.21	621.30	148.46 S	603.49W	0.15
9853.00	12.70	S 74.30 W	31.00	9785.45	628.12	150.30 S	610.06W	0.07
9884.00	12.70	S 74.20 W	31.00	9815.69	634.93	152.15 S	616.61W	0.07
9915.00	12.70	S 74.40 W	31.00	9845.93	641.75	153.99 S	623.18W	0.14
9946.00	12.80	S 74.30 W	31.00	9876.16	648.59	155.84 S	629.76W	0.33
9977.00	12.80	S 75.00 W	31.00	9906.39	655.46	157.65 S	636.39W	0.50
10007.00	12.70	S 74.30 W	30.00	9935.65	662.08	159.41 S	642.77W	0.61
10038.00	12.60	S 73.50 W	31.00	9965.90	668.87	161.29 S	649.29W	0.65
10069.00	12.60	S 73.30 W	31.00	9996.16	675.63	163.22 S	655.77W	0.14
10099.00	12.50	S 73.40 W	30.00	10025.44	682.14	165.09 S	662.02W	0.34
10128.00	12.50	S 73.60 W	29.00	10053.75	688.42	166.87 S	668.04W	0.15
10160.00	12.40	S 73.90 W	32.00	10085.00	695.32	168.80 S	674.66W	0.37
10191.00	12.40	S 74.10 W	31.00	10115.27	701.97	170.64 S	681.06W	0.14
10222.00	12.30	S 74.30 W	31.00	10145.56	708.60	172.44 S	687.44W	0.35
10254.00	12.10	S 73.40 W	32.00	10176.83	715.36	174.32 S	693.94W	0.86
10286.00	11.70	S 73.50 W	32.00	10208.15	721.96	176.20 S	700.26W	1.25
10317.00	11.80	S 73.10 W	31.00	10238.50	728.27	178.02 S	706.31W	0.42
10349.00	11.80	S 73.10 W	32.00	10269.82	734.81	179.92 S	712.57W	0.00
10380.00	11.70	S 73.40 W	31.00	10300.17	741.12	181.74 S	718.61W	0.38
10412.00	11.70	S 72.90 W	32.00	10331.51	747.61	183.62 S	724.82W	0.32
10443.00	11.60	S 72.80 W	31.00	10361.87	753.87	185.47 S	730.81W	0.33
10474.00	11.70	S 72.20 W	31.00	10392.23	760.12	187.35 S	736.78W	0.51
10506.00	11.50	S 72.90 W	32.00	10423.58	766.55	189.28 S	742.91W	0.76
10537.00	11.70	S 73.10 W	31.00	10453.94	772.78	191.10 S	748.87W	0.66
10569.00	11.50	S 73.10 W	32.00	10485.29	779.21	192.97 S	755.03W	0.62
10600.00	11.50	S 73.50 W	31.00	10515.67	785.39	194.75 S	760.95W	0.26
10631.00	11.50	S 73.30 W	31.00	10546.05	791.57	196.51 S	766.87W	0.13
10662.00	11.50	S 73.40 W	31.00	10576.42	797.75	198.28 S	772.80W	0.06
10694.00	11.30	S 73.10 W	32.00	10607.79	804.07	200.11 S	778.85W	0.65
10726.00	10.80	S 71.90 W	32.00	10639.20	810.20	201.95 S	784.70W	1.72
10757.00	10.60	S 70.00 W	31.00	10669.66	815.94	203.83 S	790.14W	1.31
10789.00	10.80	S 68.80 W	32.00	10701.10	821.85	205.92 S	795.70W	0.94
10820.00	11.10	S 68.40 W	31.00	10731.54	827.71	208.07 S	801.18W	1.00
10851.00	11.40	S 69.70 W	31.00	10761.94	833.73	210.23 S	806.83W	1.27
10883.00	11.70	S 70.30 W	32.00	10793.29	840.11	212.42 S	812.85W	1.01
10915.00	11.90	S 70.30 W	32.00	10824.62	846.63	214.62 S	819.01W	0.62