

ed th	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100	BUILD RATE Deg/100
1300.00	24.20	281.90	12990.79	-24.43	25.54	-25.54	35.34	133.73	16.81	16.77
1303.00	26.50	280.60	13005.25	-23.10	18.82	-18.82	29.80	140.83	14.79	14.38
225° Run 13,048' - 13,098'										
13029.00	29.40	280.60	13019.38	-21.72	11.45	-11.45	24.55	152.20	18.12	18.12
Top of Woodford										
13043.00	31.41	280.13	13031.46	-20.45	4.48	-4.48	20.93	167.64	14.47	14.37
13061.00	34.00	279.60	13046.60	-18.78	-5.10	5.10	19.46	195.19	14.47	14.38
13093.00	37.90	279.00	13072.50	-15.75	-23.64	23.64	28.40	236.32	12.24	12.19
Top of Devonian										
13116.00	39.96	278.19	13090.39	-13.59	-37.92	37.92	40.29	250.28	9.21	8.94
Top of Window										
13120.00	40.31	278.06	13093.45	-13.23	-40.48	40.48	42.58	251.90	9.21	8.95
13130.00	41.70	278.00	13101.00	-12.31	-46.97	46.97	48.56	255.31	13.86	13.86
13135.00	42.70	278.00	13104.70	-11.84	-50.30	50.30	51.68	256.75	20.00	20.00
13145.00	47.00	278.00	13111.79	-10.86	-57.28	57.28	58.30	259.26	43.00	43.00
13155.00	52.70	278.00	13118.24	-9.80	-64.85	64.85	65.59	261.41	57.00	57.00
13165.00	59.30	277.00	13123.82	-8.72	-73.06	73.06	73.58	263.19	66.52	66.00
13180.00	68.20	276.30	13130.45	-7.17	-86.41	86.41	86.71	265.26	59.48	59.33
13190.00	73.90	277.90	13133.70	-6.00	-95.79	95.79	95.98	266.42	58.97	57.00
13200.00	78.20	278.10	13136.11	-4.65	-105.40	105.40	105.50	267.48	43.04	43.00
13205.00	80.40	278.40	13137.04	-3.94	-110.26	110.26	110.33	267.95	44.39	44.00
13224.00	83.30	280.40	13139.73	-.87	-128.82	128.82	128.82	269.61	18.48	15.26
13256.00	85.60	280.50	13142.82	4.91	-160.14	160.14	160.21	271.76	7.19	7.19
13287.00	89.30	279.90	13144.20	10.39	-190.61	190.61	190.89	273.12	12.09	11.94
Last survey on 1.5" motor										
13321.00	88.90	279.80	13144.74	16.21	-224.11	224.11	224.69	274.14	1.21	-1.18
13353.00	89.10	279.20	13145.30	21.49	-255.66	255.66	256.56	274.80	1.98	.62
13385.23	86.00	279.40	13146.67	26.69	-287.44	287.44	288.67	275.30	9.64	-9.62
13416.00	85.40	279.10	13148.98	31.62	-317.72	317.72	319.29	275.68	2.18	-1.95
13450.00	84.90	278.90	13151.86	36.92	-351.18	351.18	353.12	276.00	1.58	-1.47
13482.00	85.30	279.60	13154.59	42.05	-382.65	382.65	384.95	276.27	2.51	1.25
13513.00	85.70	280.80	13157.02	47.52	-413.06	413.06	415.79	276.56	4.07	1.29
13544.00	85.40	281.30	13159.43	53.44	-443.40	443.40	446.61	276.87	1.88	-.97
Last survey on 2nd 1.5" motor run @13612										
13577.00	85.70	281.40	13161.99	59.92	-475.65	475.65	479.41	277.18	.96	.91
13608.00	86.00	281.10	13164.23	65.95	-505.98	505.98	510.26	277.43	1.37	.97
13641.00	86.80	281.30	13166.30	72.35	-538.29	538.29	543.13	277.65	2.50	2.42
13672.00	86.80	281.90	13168.03	78.57	-568.61	568.61	574.01	277.87	1.93	.00
13704.00	87.10	282.10	13169.74	85.21	-599.86	599.86	605.88	278.09	1.13	.94
13735.00	87.40	282.90	13171.22	91.92	-630.09	630.09	636.76	278.30	2.75	.97
13767.00	88.20	282.70	13172.45	99.00	-661.27	661.27	668.64	278.51	2.58	2.50