

SUR: M-2-20s-38e, 660/S & 1320/W
BHL: E-2-20s-38e, 2656/S & 668/W
API #30-025-28287

L & M #1 - L-2-20s-38

DEVIATION SURVEY EXXON NM ON STATE #1 Sec. 2 660 S. 1320 W. P.B.H.L.: 1980 S. 660 W

Actual BHL approx. = 652 Fwt, 1966 Fw

Depth	Angle at pt	Interval D2-D1	Avg degree (Ang2-Ang1)/2	Cos Avg Angle Interval	True Dist Interval	TVD	Sin degrees	Interval lateral	Total Lateral	X west	Y north
440	1	440	0.5	0.999991923	439.98	439.98	0.008726535	3.84	3.84	-1.72	0
957	0.5	517	0.75	0.999914328	516.96	516.96	0.013089596	6.77	10.61	-4.74	3.43
1482	0.25	525	0.38	0.999978582	524.99	524.99	0.008544938	3.44	14.04	-6.28	9.49
1620	0.75	138	0.50	0.999981923	137.99	1619.82	0.008726535	1.20	15.25	-8.82	12.56
2131	1	511	0.88	0.999883391	510.94	2130.86	0.018271037	7.80	23.05	-10.31	13.64
2633	2	502	1.50	0.99987325	501.83	2632.89	0.026176948	13.14	36.19	-16.19	20.62
2788	3	155	2.50	0.999048222	154.85	2787.54	0.043619387	6.78	42.95	-19.21	32.37
2800	2.75	12	2.88	0.998741337	11.98	2799.52	0.050157182	0.80	43.55	-19.48	38.42
2912	2.5	112	2.63	0.998950681	111.88	2911.41	0.045798887	5.13	48.68	-21.77	38.96
3002	1.75	90	2.13	0.99931231	89.94	3001.35	0.037079744	3.34	52.02	-23.26	43.54
3095	1.75	93	1.75	0.999533591	92.96	3094.30	0.030538513	2.84	54.86	-24.53	46.53
3132	1.25	37	1.50	0.999657325	36.99	3131.29	0.026176948	0.97	55.83	-24.97	49.07
3320	0.5	188	0.88	0.999883391	187.98	3319.27	0.015271037	2.87	58.70	-26.25	49.94
3988	0.25	688	0.38	0.999978582	687.99	3987.25	0.006544938	4.37	63.07	-28.21	52.50
4062	4.25	74	2.25	0.999229036	73.94	4061.20	0.039259816	2.91	65.98	-29.51	56.41
4126	5.5	64	4.88	0.996382472	63.77	4124.96	0.084982177	5.44	71.42	-31.94	59.01
4189	7	83	6.25	0.994056338	62.63	4187.59	0.108866875	6.86	78.28	-35.01	63.88
4283	8.25	94	7.63	0.991157738	93.17	4280.78	0.132688877	12.47	90.75	-40.58	70.01
4312						4309.41				-43.89	81.17
4345	9.5	82	8.88	0.988027277	81.28	4342.02	0.154279293	9.57	100.31	-44.86	87.78
4437	12	92	10.75	0.982460398	90.39	4432.40	0.186524038	17.16	117.47	-52.54	89.72
4532	14.25	95	13.13	0.973878979	92.52	4524.92	0.227078263	21.57	139.05	-62.18	105.07
4562	15	30	14.63	0.967599092	29.03	4563.96	0.252491577	7.57	146.62	-65.57	124.37
4656	15.5	94	15.25	0.964787324	90.69	4644.64	0.263031214	24.72	171.35	-76.63	131.14
4749	16.5	93	16.00	0.961281696	89.40	4734.04	0.275637356	25.63	196.98	-88.09	153.28
4914	15.25	165	15.88	0.961860755	158.71	4892.74	0.273539554	46.13	242.11	-108.28	176.18
4975	18.25	81	15.75	0.962455236	58.71	4961.46	0.27144045	16.66	258.67	-115.88	216.55
5070	17.25	95	16.75	0.957571361	90.97	5042.42	0.288196268	27.38	286.05	-127.93	231.36
5162	18.75	92	18.00	0.951056516	87.50	5129.92	0.309016994	28.43	314.48	-140.64	255.85
5227	18	85	18.38	0.949013649	61.69	5191.60	0.318234982	20.49	334.97	-149.80	281.28
5310	17.25	83	17.63	0.953058643	79.10	5270.71	0.30278577	25.13	360.10	-161.04	299.61
5403	17.5	93	17.38	0.954370719	88.76	5359.47	0.298824398	27.77	387.87	-173.46	322.08
5497	17.5	94	17.50	0.953719951	89.85	5449.11	0.3007058	28.27	416.14	-173.46	346.93
5620	17.75	123	17.63	0.953058643	117.23	5566.34	0.30278577	37.24	453.38	-188.10	372.21
5713	18	93	17.88	0.951728423	88.51	5654.85	0.306941377	28.55	481.93	-202.76	405.52
5775	18	82	18.00	0.951056516	58.97	5713.82	0.309016994	19.16	501.09	-215.52	448.19
5868	18	93	18.00	0.951056516	88.45	5802.27	0.309016994	28.74	529.83	-224.09	473.89
5989	17.75	121	17.88	0.951728423	115.16	5917.42	0.306941377	37.14	566.97	-236.95	507.11
6111	16.75	122	17.25	0.955019944	116.51	6033.94	0.298824398	36.18	603.14	-253.55	539.47
6116 BLINEBRY						6041.44				-269.73	561.09
6222	16	111	16.38	0.959437078	106.50	6140.43	0.28192285	31.29	634.44	-280.54	587.46
6346	16	124	16.00	0.961281696	119.20	6259.63	0.275637356	34.18	668.62	-283.73	598.03
6500	15.75	154	15.88	0.961860755	148.13	6407.78	0.273539554	42.13	710.74	-296.01	635.71
6593	15.25	93	15.50	0.963630453	89.82	6497.38	0.267238376	24.85	735.59	-317.85	657.94
6688 TUBB SILT						6589.03				-328.97	680.29
6716	15.25	123	15.25	0.964787324	118.67	6616.04	0.263031214	32.35	767.95	-340.14	686.87
6808	15	92	15.13	0.965356872	88.81	6704.86	0.260925751	24.01	791.95	-343.44	708.34
6933	15	125	15.00	0.965925826	120.74	6825.60	0.258819046	32.35	824.31	-354.17	737.28
6980 DRINKARD						6871.02				-368.64	753.60
7025	14.75	92	14.88	0.966488183	88.92	6914.51	0.256711108	23.62	847.92	-376.80	758.41
7138 DRINKARD POR.						7023.66				-379.20	784.69
7172	15.25	147	15.00	0.965925826	141.99	7056.51	0.258819046	38.05	885.97	-392.34	792.43
7296	16.5	124	15.88	0.961860755	119.27	7175.78	0.273539554	33.92	919.89	-396.22	822.77
7400	16.5	104	16.50	0.958819735	98.72	7275.49	0.284015345	29.54	949.43	-411.39	849.19
7428 ABO DOLOMITE						7302.39				-424.60	871.64
7517	15.75	117	16.13	0.960658061	112.40	7387.89	0.277733846	32.49	981.92	-435.82	878.26
7609	15.75	92	15.75	0.962455236	88.55	7476.44	0.27144045	24.97	1006.89	-439.13	900.59
7702	15.25	93	16.50	0.963630453	89.82	7566.08	0.267238376	24.85	1031.75	-450.30	922.82
7794	15	92	15.13	0.965356872	88.81	7654.87	0.260925751	24.01	1056.75	-461.41	944.29
7886	14.75	92	14.88	0.966488183	88.92	7743.78	0.256711108	23.62	1079.37	-472.15	965.42
7977	16	91	15.38	0.964211183	87.74	7831.53	0.265135426	24.13	1103.50	-482.71	987.00
8068	16	91	16.00	0.961281696	87.47	7919.00	0.275637356	25.08	1128.58	-493.50	1009.43
8172	16	104	16.00	0.961281696	99.97	8018.97	0.275637356	28.67	1157.25	-504.72	1035.07
8241	15.5	69	15.75	0.962455236	66.41	8085.38	0.27144045	18.73	1175.97	-517.54	1051.82
8391	14.75	150	15.13	0.965356872	144.80	8230.19	0.260925751	39.14	1215.11	-525.91	1086.83
8453	14.75	82	14.75	0.967045939	59.96	8290.14	0.254801948	16.79	1230.90	-543.42	1100.95
8515	14.75	82	14.75	0.967045939	59.96	8350.10	0.254801948	15.79	1246.68	-550.47	1115.07
8577	14.5	82	14.63	0.967599092	59.99	8410.09	0.252491577	15.85	1262.34	-557.53	1129.07
8638	14.25	61	14.38	0.96889158	59.09	8469.18	0.248267239	15.44	1277.48	-564.54	1142.62
8730	14.25	92	14.25	0.96923091	89.17	8558.35	0.248153293	22.65	1300.13	-571.31	1162.87
8824	14.25	94	14.25	0.96923091	91.11	8649.46	0.248153293	23.14	1323.27	-581.48	1183.57
8886	14.25	62	14.25	0.96923091	60.09	8709.55	0.248153293	15.26	1338.53	-589.61	1197.22
9009	13.75	123	14.00	0.970295726	119.35	8828.90	0.241921696	29.78	1368.31	-601.92	1223.83
9103	13.25	94	13.50	0.97236992	91.40	8920.30	0.233445364	21.54	1411.77	-621.73	1243.46
9197	13.25	94	13.25	0.973379258	91.50	9011.80	0.229200391	21.54	1440.16	-631.38	1262.73
9322	13	125	13.13	0.973878979	121.73	9133.53	0.227078263	28.38	1467.57	-644.06	1282.12
9445	12.75	123	12.88	0.974858513	119.91	9253.44	0.222824775	27.41	1487.57	-656.32	1312.83
9568	12.25	123	12.50	0.976296007	120.08	9373.52	0.216439614	26.62	1494.19	-668.22	1336.44

ACTUAL BHL

651.78

1996.44