

SALLIE I. ESTLACK NO. 1 WELL.

McClellan District, Doddridge County, W. Va.
 By American Mutual Oil Co. 1640 Court Place, Denver, Colorado.
 Drilled under permit No. Dod-678; Centerpoint quadrangle.
 On 98 acres.
 Elevation 1087' L.
 Surface and minerals owned by Sallie I. Estlack, Fairmont, W. Va.
 Drilling commenced December 26, 1961; completed April 1, 1962.
 Well Fractured 3-10-62 Water Frac.
 Casing: 10", 430' (pulled) 8", 1077' left in; 7", 2312' (pulled) 4½", 2910'
 left in.
 Casing cemented: 4½" 125 sks. Hi-Early cement, 10 sks. aquagel Halliburton.
 Dry Well.
 Record to Dept. of Mines April 2, 1962.
 Record from Allen April 16, 1962.

	Top.	Bottom.
Shale	830	- 834
Shale	834	- 839
Shale	839	- 846
Shale	846	- 857
Red rock	857	- 870
Red rock	870	- 882
Straw Sand	882	- 886
Slate	886	- 891
Shale	891	- 900
Red rock	900	- 920
Red rock	920	- 930
Red rock	930	- 941
Red rock	941	- 950
Red rock	950	- 959
Red rock	959	- 966
Lime	966	- 976
Lime	976	- 984
Lime	984	- 990
Lime	990	- 994
Lime	994	- 1000
Red rock	1000	- 1020
Red rock	1020	- 1034
Red rock	1034	- 1040
Brown shale	1040	- 1055
Red rock	1055	- 1063
Lime	1063	- 1067
L-Lime	1067	- 1074
L--Lime	1074	- 1080
L-Lime	1080	- 1090
L-Lime	1090	- 1098
Lime	1098	- 1104
Lime	1104	- 1115
Lime	1115	- 1121
Lime	1121	- 1130
Lime	1130	- 1135
Sand lime	1135	- 1140
Sand lime	1140	- 1147
Sandy lime	1147	- 1152
Lime	1152	- 1158
Grey shale	1158	- 1164

(OVER)

	Top.	Bottom.
Brown & tan lime	1997	2005
Brown, tan & trace pure white lime	2005	2016
Brown, tan & trace pure white lime	2016	2023
Brown lime	2023	2039
Limy white fine grained hard sand	2039	2049
Limy white fine grained hard sand	2049	2057
Limy white fine grained hard sand	2057	2064
50% dark grey shale and 50% limy large grained sand	2064	2072
White limy sand	2072	2077
White limy sand	2077	2080
Dark brown to black lime; 100% dull gold fluorescence. Slightly sandy	2080	2085
Dark brown to black lime; 100% dull gold fluorescence. Slightly sandy	2085	2091
Dark brown to black lime	2091	2095
50% dark brown lime & 50% white very limey sand	2095	2103
White very limy sand with trace dark brown lime	2103	2113
White limy sand (flaky cuttings)	2113	2119
White slightly limy sand	2119	2130
White limy sand (flaky cuttings)	2130	2136
50% white slightly limy sand & 50% black gritty shale	2136	2145
Black gritty shale	2145	2157
Black gritty shale	2157	2167
Black gritty shale	2167	2173
Black gritty shale	2173	2180
Black gritty shale	2180	2187
Black gritty shale	2187	2198
Black gritty shale	2198	2205
Black gritty shale	2205	2217
Black gritty shale	2217	2225
Black gritty shale	2225	2230
Black gritty shale	2230	2236
Black gritty shale	2236	2241
Black gritty shale	2241	2249
Black gritty shale	2249	2257
50% black shale & 50% green shale	2257	2267
Black shale	2267	2282
50% black shale & 50% light grey, hard fine grained, shaly sand	2282	2289
Light grey, shaly, limy sand.	2289	2295
Light grey, shaly, limy sand	2295	2304
50% light grey gritty shale, 50% white medium grained sand	2304	2312
Grey gritty shale (trace grey sand)	2312	2320
50% light grey gritty shale & 50% black shale	2320	2329
50% very hard shaly sand, 50% black shale	2329	2337
Very hard shaly sand	2337	2346
50% light grey shaly sand, 50% grey gritty shale	2346	2358
Light grey, gritty shale	2358	2366
Light grey gritty shale	2366	2374
Light grey gritty shale	2374	2378
Light grey gritty shale	2378	2388
Light grey gritty shale	2388	2397
Dark grey gritty shale	2397	2401

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	Top.	Bottom.
Dark grey shale; trace of sand	2816	- 2823
Dark grey shale	2823	- 2831
80% sand (various grain sizes, shapes and colors); 20% hot fluorescence	2831	- 2841
Pure white to clear sand medium grains	2841	- 2849
50% shale; 50% large grained pure white to clear sand	2849	- 2857
Dark grey shale	2857	- 2866
80% dark grey shale; 20% light grey shaly sand	2866	- 2875
Dark grey shale	2875	- 2883
Dark grey shale	2883	- 2892
Dark grey shale	2892	- 2902
Dark grey shale	2902	- 2918
Dark grey shale	2918	- 2923
Black gritty shale; trace shaly sand	2923	- 2933
Dark grey shale	2933	- 2939
70% grey shale; 30% light grey slightly shaly sand, trace fluorescence	2939	- 2951
Grey gritty shale; trace of sand; trace of fluorescence	2951	- 2962
70% grey gritty shale; 30% very shaly sand	2962	- 2970
Grey shale	2970	- 2980g
Grey shale	2980	- 2987
Grey shale	2987	- 2997
Grey shale	2997	- 3006
Grey shale	3006	- 3008

FORMATION TOPS
(CORRECTED TO GRN LOG)

Horizon	Top [±]	Bottom	Thickness
Little Lime	1921	- 1927	6
Blue Monday	1942	- 1956	14
Big Lime	1984	- 2036	52
Big Injun	2036	- 2066	30
Squaw	2073	- 2144	71
Berea	2512	- 2524	12
Gantz	2626	- 2632	6
30'	2715	- 2736	21
Stray	(A) 2770	- 2777	17
	(B) 2782	- 2790	8
Gordon	2796	- 2823	27
4th	2843	- 2857	14