

Michael Burke No. 5992 Well

Murphy District, Ritchie County, W. Va.

By Hope Natural Gas Company, Clarksburg, W. Va.

Located 1.5 mi. W. of 81°10' and 4.8 mi. S. of 39°10' -MC- Harrisville

Quadrangle; 1.5 mi. N. of Masparian.

Elevation, 925' L.

Permit, Rit-411-A

Originally drilled in 1921; deepened and abandoned in 1939.

Gas well.

Top Bottom Thickness

Greenbrier Limestone, 36+ feet

1861	1873	12	Sandstone, highly calcareous; contains some oolites; natural color is probably light-gray to nearly white, but it is obscured by large amounts of rusty iron
1873	1878	5	Limestone, very light grayish yellow, very sandy, dolomitic
1878	1897	19	Dolomite, very light grayish yellow, very sandy; sand is poorly sorted, with larger grains rounded and frosted

Pocono Formation, 183 feet

1897	1900	3	Shale, gray, sandy, 50%; white, medium-grained sandstone, 50%
1900	1908	8	Sandstone, white, medium-grained, noncalcareous
1908	1917	9	Sandstone, light-gray, fine to very fine
1917	1948	31	Sandstone, light-gray to white, medium- to fine-grained; a light gray shale between 1925 and 1928'; sandstone is slightly calcareous and partly stained brown from 1928 to 1934'; also slightly calcareous from 1945 to 1948'
1948	1950	2	Shale, dark-gray
1950	1958	8	Sandstone, light-gray to white, fine, 80%; gray shale, 20%
1958	1961	3	Sandstone, white, medium-grained
1961	1971	10	Shale, gray
1971	1976	5	Siltstone, gray
1976	1979	3	Sandstone, gray, fine to very fine, calcareous
1979	1985	6	Shale, gray, 70%; lighter gray, very fine sandstone, 30%

Top	Bottom	Thickness	
1985	1991	6	Sandstone, light-gray, very fine, calcareous, 80%; gray shale, 40%
1991	1998	7	Sandstone, as above, 80%; gray shale, 20%
1998	2025	27	Siltstone and shale, gray
2025	2060	35	Shale, gray, with rather small amount of siltstone
	2060		Total depth shown by samples; total depth is 2040' in record to Dept. of Mines