

John Buzzard No. 5821 Well

R17-736-A

Murphy District, Ritchie County, W. Va.

By Hope Natural Gas Company.

Located 0.2 mi. W. of 81°00' and 5.4 mi. S. of 39°10' -EC- Harrisville Quadrangle,
1.6 mi. E. of Goffs

Elevation, 906' L.

Deepened in 1938.

No record of deepening available (June 18, 1940)

Top Bottom Thickness

Pottsville Formation, 55+ feet

1778	1798	20	Shale, dark-gray
1798	1821	23	Sandstone, light-gray to white, fine, noncalcareous
1821	1828	7	Sandstone, white, medium-grained, nearly all quartz

Mauch Chunk Group, 22 feet

1828	1833	5	Limestone, brown, 50%; white sandstone, 30%; white siltstone 10%; gray shale, 10%
1833	1841	8	Sandstone, white, fine, 80%; light-gray limestone, 10%; grayish-green sandy shale, 10%
1841	1846	5	Limestone, light-gray, very fine textured, somewhat dolomitic; contains a little chert and some shaly and silty material
1846	1850	4	Shale, gray, highly calcareous

Greenbrier Limestone, 130 feet

1850	1855	5	Limestone, light-brown, oolitic; oolites are abundant and distinct
1855	1891	36	Limestone, light-brown
1891	1900	9	Limestone, brown, sandy; some oolites
1900	1910	10	Limestone, light-gray, dolomitic; contains a little sand
1910	1918	8	Limestone, light-gray, dolomitic, very sandy
1918	1962	44	Sandstone, light-gray to white, calcareous, fine to medium- grained; larger grains are rounded and frosted
1962	1972	10	Dolomite, dark-brown, fine textured
1972	1980	8	Dolomite, nearly white; contains some fine sand

Top Bottom Thickness

Pocoms Formation, 114+ feet

1980	1985	5	Sandstone, light grayish green, fine, 50%; darker grayish green shale, 50%
1985	1995	8	Shale, gray, silty
1995	2000	7	Sandstone, grayish-green, fine, 60%; gray shale, 40%
2000	2055	55	Shale, gray
2055	2094	39	Siltstone, gray
	2094		Total depth shown by samples