

G. W. Frederick No. 825 Well

Sheridan District, Calhoun County, W. Va.

By Hope Construction and Refining Company, Clarksburg, W. Va.

Located 2.9 mi. W. of 81°05' and 3.0 mi. S. of 39°05' - 80 - Harrieville

Quadrangle.

Elevation, 1184' L.

Permit Cal-565.

Old well deepened in 1940; abandoned as dry.

Section based on samples from 1845 to 2100', examined by J.H.C. Martens.

Apparently there is no Mauch Chunk present.

Top Bottom Thickness

Pottsville Formation, 80+ feet

1845	1905	60	Sandstone, white, medium-grained, nearly all quartz; crystal faces on many grains
1905	1910	5	Siltstone, gray, sandy
1910	1925	15	Sandstone, white, medium-grained, nearly all quartz; crystal faces on many grains

Greenbrier Limestone, 155 feet

1925	1962	37	Limestone, light-brown, with a few oolites
1962	1969	7	No sample
1969	1974	15	Limestone, brown to light-brown
1974	1990	16	No sample
1990	1996	6	Limestone, light-brown
1996	2000	4	Limestone, nearly white, slightly sandy
2000	2022	22	Sandstone, nearly white, fine, calcareous
2022	2032	10	Limestone, nearly white, very sandy, highly dolomitic
2032	2042	10	Limestone, very light brown, sandy
2042	2055	13	Dolomite, nearly white, sandy
2055	2060	5	No sample

Pocahontas Formation, 40+ feet

2060	2065	5	Sandstone, light-gray, very fine, somewhat calcareous 80% gray shale, 20%
2065	2070	5	No sample
2070	2100	30	Sandstone, light brown, fine; contains much siderite, a few rather coarse quartz grains; some gray shale. 2072-2082' and 2086-2091'

2100

Total depth by samples