

J. G. Roberts No. 6 (555) Well

Washington District, Boone County, W. Va.

By The Owens, Libbey-Owens Gas Dept., Charleston, West Virginia.

Located 2.73 mi. S. of 38°05' and 0.51 mi. W. of 81°55' -SW- Madison Quadrangle.

Elevation 1434.3' L.

Permit, Boo-439.

Drilling commenced Nov. 15, 1939; completed Feb. 3, 1940.

Shot Dec. 27, 1939 - depth 2553-2579'.

Volume 30,000 cu. ft.

Fresh water at 614 and salt water at 1135-1204'.

Coal at 504-508'.

8 1/4" casing, 760'; 6-5/8", 1864'.

Samples from 1797 to 2662' (with some gaps) examined by C. Apscuri.

Top Bottom Thickness

Mauch Chunk Group, 46+ feet

1797	1810	13	Limestone, brown, 50%; gray to dark-gray shale, 50%
1810	1839	29	Limestone, brown, 70%; gray shale, 30%
1839	1843	4	Shale, gray, soft (depth from driller's record; according to samples top of Greenbrier may be as high as 1824')

Greenbrier Limestone, 216 feet

1843	1851	8	Limestone, very light brown, oolitic
1851	1862	11	Limestone, very light brown
1862	1864	2	No sample
1864	1868	4	Limestone, light-brown, fossiliferous, slightly sandy
1868	1874	6	Limestone, dark-brown
1874	1890	16	Limestone, brown
1890	1899	9	Limestone, very light brown, dolomitic
1899	1964	65	Limestone, light-brown to nearly white, mostly oolitic
1964	1973	9	Limestone, nearly white, dolomitic
1973	1988	15	Limestone, very light-brown, oolitic, slightly sandy (gas at 1985-1988', 18,000 cu. ft.)
1988	2048	60	Limestone, very light brown, oolitic; slightly sandy, 1998-2032'
2048	2059	11	No samples

Top	Bottom	Thickness	
<u>Maccrady Formation, 51 feet</u>			
2059	2067	8	Siltstone, red, green, and gray, sandy
2067	2090	23	Siltstone, red; some fine red sandstone near bottom
<u>Pocono Formation, 585 feet</u>			
2090	2097	7	Sandstone, light grayish green; and gray siltstone
2097	2542	445	No samples
2542	2555	13	Shale, very dark gray (Sunbury Shale; top and bottom from driller's record)
2555	2575	20	Sandstone, white, fine; pyritic near top
<u>Devonian Shales, 1700+ feet</u>			
2575	2584	9	Shale, dark-gray, silty
2584	2612	28	No samples
2612	2622	10	Shale, gray, silty
	4275		Total depth