

Nora V. Roberts No. 5963 Well

Center District, Gilmer County, W. Va.

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

Located 4.08 mi. S. of 38° 55' and 1.41 mi. W. of 80° 55' - WC - Glen-ville Quadrangle.

Elevation, 1084' L.

Permit Gil-406.

Deepening commenced Dec. 23, 1939; completed, Feb. 13, 1940.

Shot at 1872-1879' and 1897-1905'

Gas well; open flow 53,000 cu. ft.

Section based on samples from 1410 to 2019', examined by J. H. C. Martens.

Pottsville Formation, 340+ feet

Top.	Bottom.	Thick- ness.	
1410	1415	5	Shale, black
1415	1421	6	Shale, black, with a little coal
1421	1424	3	Shale and siltstone, dark-gray
1424	1444	20	Siltstone, gray, shaly
1444	1450	6	Shale, nearly white, silty; contains siderite spherulites
1450	1454	4	Siltstone, dark-gray, shaly
1454	1493	39	Shale, dark-gray to black
1493	1508	15	Siltstone and shale, gray
1508	1550	42	Sandstone, white, medium-grained; coarser toward bottom
1550	1598	48	Shale, black, with siderite concretions
1598	1612	14	Siltstone, light-gray
1612	1692	80	Shale, dark-gray, silty, with siderite in concretions and in small specks
1692	1720	28	Shale, dark-gray, soft, with a little coal and many frag- ments of plant fossils
1720	1730	10	Sandstone, white, medium-grained
1730	1750	20	Sandstone, white, coarse, nearly all quartz; crystal faces on many grains (gas, 1734-1740')

Mauch Chunk Group, 58 feet

1750	1760	10	Shale, gray, soft, with marine fossils
1760	1785	25	Limestone, brown. (Little Lime)

Thick-
Top. Bottom. ness.

1785 1801 16 Shale and siltstone, gray to greenish
1801 1808 7 Shale, gray, fossiliferous, 50%; brown, indistinctly
oolitic limestone, 50%

Greenbrier Limestone, 172 feet

1808 1858 50 Limestone, light-brown
1858 1863 5 Limestone, light-brown, sandy
1863 1876 13 Limestone, very light brown, partly oolitic
1876 1883 7 Limestone, light-brown, slightly sandy
1883 1895 12 Limestone, brown to light-brown, partly sandy
1895 1906 11 Limestone, very light-brown, oolitic and sandy; mostly
broken up into individual oolites and sand grains
(gas pay, 1900-1905')
1906 1930 24 Limestone, very light-brown, very sandy, oolitic
1930 1934 4 Limestone, brown, with a few pieces of green; silty and
sandy
1934 1939 5 Limestone, light-orange, dolomitic
1939 1946 7 Limestone, nearly white, slightly sandy
1946 1980 34 Limestone, nearly white, dolomitic and sandy; many of
sand grains are rounded and frosted

Pocono Formation, 29+ feet

1980 2019 29 Siltstone, green, with varying amounts of gray shale
2019 Total depth.