

Black Sand Fuel Company No. 12 Well

Washington District, Kanawha County, W. Va.

By South Penn Natural Gas Company, Parkersburg, W. Va.

Located 0.49 mi. W. of 81°45' and 1.35 mi. S. of 38°15' - NE - Madison
Quadrangle.

Elevation 1053.03' L.

Permit Kan-1005

Drilling commenced May 10, 1943; completed June 28, 1943.

Acidized, depth 1710 to 1820' with 750 gallons acid.

Gas well, 321,000 cu. ft.; rock pressure, 400 lbs. in 48 hrs.

Section based on samples from 1535 to 1860'; examined by J.H.C. Martens.

Top Bottom Thickness

Mauch Chunk Group 120+Feet

1535	1546	11	Shale, red, gray, and green, 60%; impure limestone of various colors, 40%
1546	1554	8	Siltstone and silty shale, gray
1554	1558	4	Shale, gray
1558	1563	5	Siltstone, light-gray
1563	1570	7	Sandstone, white and gray, very fine
1570	1610	40	Sandstone, white, fine to very fine
1610	1616	6	Limestone, brown, highly dolomitic
1616	1639	23	Limestone, brown with white spots, fossiliferous; contains a very little white chert
1639	1650	11	Limestone, brownish-gray, fossiliferous
1650	1655	5	Shale, gray, soft, calcareous

Greenbrier Limestone, 176 feet

1655	1661	6	Limestone, white
1661	1668	7	No sample
1668	1675	7	Limestone, brown
1675	1686	11	Limestone, light-brown
1686	1704	18	Limestone, very light brown to nearly white
1704	1720	16	Limestone, nearly white; contains many microfossils or very small celites
1720	1740	20	Limestone, light-brown to nearly white

Top	Bottom	Thickness	
1740	1753	13	Limestone, light-yellow, dolomitic, 60%; white partly oolitic limestone, 40%; (gas, 1745-1748')
1753	1785	32	Limestone, light-brown, oolitic, sandy (gas 1770-1773'; oolites are mostly broken apart in the sample covering this interval)
1785	1795	10	Limestone, very light brown, with a few oolites
1795	1812	17	Limestone, nearly white, oolitic; many fragments have visible pores (gas, 1805-1808')
1812	1824	12	Limestone, very light brown, slightly sandy
1824	1831	7	Limestone, very light brown, partly sandy
<u>Macarady Formation 29* feet</u>			
1831	1856	25	Siltstone, red
1856	1860	4	Shale, red, silty
	1860		Total depth