

Siler Coal Land Company No. 13(684) Well

Peytona District, Boone County, W. Va.

By The Owens, Libbey-Owens Gas Department, Charleston, W. Va.

Located 2.1 Mi. S. of 38° 15' and 0.9 Mi. W. of 81° 45' - N E -

Midison Quadrangle.

Elevation 1028.6', L

Permit - Boo - 656

Drilling commenced July 1, 1944; completed Aug. 9, 1944

Gas well; volume 250 M after acidizing twice.

Rock pressure, 388 lbs. in 24 hrs.

8 5/8 casing, 639'; 7", 1629'; 3 1/2" tubing, 1758'

Section based on samples from 1510 to 1910', examined by J.H.C. Martens

Top Bottom Thickness

Mauch Chunk Group, 110+ feet

1510	1520	10	Shale, grayish-green, silty, 60%; red shale, 40%
1520	1530	10	Siltstone, gray
1530	1577	47	Sandstone, white, fine, nearly all quartz
1577	1584	7	Limestone, brown, highly dolomitic
1584	1620	36	Limestone, brown and gray

Greenbrier Limestone, 168 feet

1620	1630	10	Limestone, very light brown
1630	1667	37	Limestone, brown
1667	1681	14	Limestone, light-brown, with some oolites (gas, 1667-1672', 12 1/2 M)
1681	1711	30	Limestone, very light brown (gas, 1681-1688' 16M)
1711	1715	4	Limestone, nearly white, slightly dolomitic (gas, 1714' 15 M)
1715	1738	23	Limestone, light-brown, oolitic; oolites are not very tightly cemented and there are a few calcite crystals lining pore spaces; there are a few rounded sand grains (gas, 1730', 22 1/2 22 1/2 M)

1738	1749	11	Limestone, nearly white, dolomitic (gas, 1738', 2 1/2 M; gas, 1743', 32 M)
1749	1760	11	Limestone, nearly white, partly dolomitic, with some light-red and light-green
1760	1779	19	Limestone, very light brown, slightly sand, with micro-fossils and some small corals
1779	1788	9	Limestone, reddish, partly dolomitic <u>Macerady Formation, 54 feet</u>
1788	1842	54	Siltstone, red, mostly shaly <u>Pocono Formation, 77 1/2 feet</u>
1842	1910	68	Shale and siltstone, gray
	1929		Total Depth