

(C)

Siler Coal Land Company No. 14(698) Well.

Peytona District, Boone County, W. Va.

By the Owens, Libbey-Owens Gas Dept. Charleston, W. Va.

Located 1.82 Mi. S. of 38° 15' and 0.81 Mi. W. of 81° 45' --NW--

Madison Quadrangle.

Elevation, 994.1' L.

Permit Boone - 680

Drilling commenced Sept. 9, 1944; completed Oct. 9, 1944.

Gas Well; Volume, 2,004,000 Cu. ft.

Rock pressure, 335 lbs. in 43 hours.

Section based on samples from 1549 to 1767'; examined by J.H.C. Martens.

Top	Bottom	Thickness	<u>Maugh Chunk Group, 40+ feet.</u>
1549	1554	5	Dolomite, brown, very finely crystalline
1554	1584	30	Limestone, brown and gray
1584	1589	5	Shale, gray, soft; thickness from record.
<u>Greenbrier Limestone, 176 feet</u>			
1589	1649	60	Limestone, light-brown to very light brown
1649	1658	9	Limestone, light-brown to white
1658	1676	18	Limestone, nearly white, partly oolitic and slightly sandy; the sand is apparently in streaks rather than uniformly distributed (gas, 1664', 55 M)
1676	1691	15	Limestone, very light brown to white; several fragments slickensided; no pores can be seen (gas, 1676-1686'; 236 M)
1691	1702	11	Limestone, nearly white, slightly sandy; about half oolitic and the other half dolomite with no trace of oolites.
1702	1717	15	Limestone, very light brown, oolitic; probably somewhat porous, since oolites are mostly broken apart and many are coated with small calcite crystals; small insoluble residue consisting of sand, silt, pyrite, and very small quartz crystals

1717	1734	17	Limestone, nearly white, partly oolitic
1734	1750	16	Limestone, very light brown, oolitic, 60%; light green and nearly white dolomitic limestone, 40% (gas, 1746', increase from 208 M, to 222 M)
1750	1759	9	Limestone, very light brown, with some microfossils or small oolites
1759	1765	6	Limestone, very light brown, partly dolomitic and slightly sandy
			<u>Maccrady Formation, 2+ feet</u>
1765	1767	2	Siltstone, red
	1769		Total depth