

Peytona Coal Land Company No. 34 (568) Well

Sherman District, Boone County, W. Va.

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

Located, 5.38 mi. S. of 38°10' and 1.25 mi. W. of 81°40' -WC- Peytona Quadrangle.

Elevation, 1525.2' L.

Permit, B00-454.

Drilling commenced July 8, 1940; completed, Nov. 22, 1940.

Shot Oct. 26, 1940, depth 3842-5213'.

Volume 84,000 cu. ft.

Fresh water at 150'; salt water at 950'.

10" casing, 35'; 8 1/4", 952'; 6-5/8", 2102'; 3" tubing, 2200'.

Coal at 28-31', 197-200' and 651-656'.

Section based on driller's record and incomplete set of samples examined by J. H. C. Martens.

Top	Bottom	Thickness	
<u>Mauch Chunk Group, 8+ feet</u>			
2090	2098	8	Limestone, brown, 90%; gray, soft, distinctly laminated shale, 10% (driller's record gives "Pencil Cave", 2096-2103', but this is probably too great a thickness)
<u>Greenbrier Limestone, 217 feet</u>			
2098	2315	217	Limestone, brown to white; samples not described in detail; from 2306 to 2315' there is some white anhydrite in brown dolomitic limestone (gas, 2237-2242, 169,000 cu. ft., which soon blew down)
<u>Maccrady Formation, 25 feet</u>			
2315	2324	9	Siltstone, red and gray, sandy
2324	2342	16	Sandstone, brown and reddish, mostly fine; contains a few coarse grains
<u>Pocono Formation, 457 feet</u>			
2342	2776	434	Samples not described in detail; mostly gray shale and siltstone
2776	2788	12	Shale, dark, gray, pyritic (Sunbury Shale)
2788	2799	11	Sandstone, white, to very light brown; slightly calcareous; some fragments are highly pyritic; samples actually contains only a small proportion of sandstone; top and

Top Bottom Thickness

bottom are from driller's record (Berea Sandstone)

Devonian Shales, 2545 feet

2799 5344 2545 Only a few samples available from this interval

Huntersville Chert, 6+ feet

5344 5350 6 Limestone, brown; small amount of brown siltstone with
much biotite

5350 Total depth