

Siler Coal Land Company No. 7 (561) Well

Washington District, Kanawha County, W. Va.

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

Located 2.35 mi. S. of 38°15' and 2.31 mi. W. 81°45' -NE- Madison Quadrangle.

Elevation, 867.9' L.

Permit, Kan-690.

Drilling commenced March 12, 1940; completed May 13, 1940.

Shot May 8, 1940 - depth 3071-3807'.

Gas well; rock pressure 386 lbs. in 60 hrs.

Fresh water 107 and 450'; salt water 771 and 910'.

13" casing, 20'; 10", 52'; 8 1/2", 857'; 6-5/8", 1457'; 3" tubing, 1505'.

Coal at 107-109'.

Samples from 1406 to 2166' examined by C. -psouri.

Additional samples to the total depth of 3817' (with some gaps) are available.

Top	Bottom	Thickness	
<u>Mauch Chunk Group, 41+ feet</u>			
1406	1415	9	Shale, gray, 60%; brown fossiliferous limestone, 30%; gray sandy siltstone, 10%
1415	1438	23	Limestone, brown, fossiliferous
1438	1440	2	Shale, gray soft (depth from driller's record)
1440	1447	7	Limestone, brown
<u>Greenbrier Limestone, 200 feet</u>			
1447	1465	18	Limestone, very light brown
1465	1473	8	No sample
1473	1507	34	Limestone, very light brown, with a few oolites
1507	1521	14	Limestone, nearly white, oolitic
1521	1543	22	Limestone, nearly white
1543	1570	27	Limestone, light-brown to very light brown, sandy and oolitic; some greenish calcareous siltstone, 1555-1570'
1570	1622	52	Limestone, nearly white, oolitic
1622	1637	15	Limestone, nearly white, oolitic, 70%; grayish-green shale, 30%
1637	1647	10	Limestone, nearly white

Top	Bottom	Thickness	
<u>Maserady Formation, 74 feet</u>			
1647	1698	51	Siltstone, red
1698	1709	11	Siltstone, greenish-gray
1709	1721	12	Sandstone, red, fine
<u>Poccano Formation, 436 feet</u>			
1721	1726	5	Siltstone, gray, sandy, micaceous
1726	2138	412	Shale and siltstone, gray (not sampled)
2138	2148	10	Shale, dark-gray (Sunbury Shale)
2148	2157	9	Sandstone, white, fine (Berea Sandstone)
<u>Devonian Shales, 1660+ feet</u>			
2157	2166	9	Siltstone, light-gray, shaly
	3817		Total depth