

KAN-747

Siler Coal Land Company No. 9 (582) Well

Washington District, Kanawha County, W. Va.

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

Located 0.81 mi. S. of 38°15' and 3.35 mi. W. of 81°45' -NE- Madison Quadrangle.

Elevation, 848.0' L.

Permit, Kan-747.

Drilling commenced Oct. 11, 1940; completed Dec. 8, 1940.

Shot Dec. 6, 1940 - depth 3170-3903'.

Volume 310,000 cu. ft.; rock pressure, 221 lbs.

Fresh water 110, 325 and 409'.

Salt water 883, 878 and 900'.

8 1/4" casing, 619'; 6-5/8", 1589'; 3" tubing, 3906.

Section based on samples from 1522 to 3933', examined by C. Apsouri.

Top	Bottom	Thickness	
<u>Mauch Chunk Group, 34+ feet</u>			
1522	1556	34	Limestone, brown ("Little Lime")
<u>Greenbrier Limestone, 197 feet</u>			
1556	1560	4	Limestone, very light brown, 85%; gray shale, 15%
1560	1569	9	Limestone, very light brown, with a little chert
1569	1578	9	Limestone, very light brown, oolitic
1578	1608	30	Limestone, very light brown to nearly white
1608	1651	43	Limestone, very light brown, oolitic, slightly sandy
1651	1680	29	Limestone, very light brown, oolitic
1680	1685	5	Limestone, very light brown, oolitic and sandy
1685	1694	9	Limestone, nearly white, highly dolomitic
1694	1702	8	Limestone, nearly white, oolitic
1702	1711	9	Limestone, nearly white, highly dolomitic (gas 1702')
1711	1724	13	Limestone, very light brown, oolitic and dolomitic
1724	1734	10	Limestone, very light brown, oolitic
1734	1753	19	Limestone, very light brown, highly dolomitic
<u>Maccrady Formation, 47 feet</u>			
1753	1800	47	Siltstone, red
<u>Pocono Formation, 456 feet</u>			
1800	1805	5	Siltstone, gray
1805	1827	22	Siltstone, gray, 80%; nearly white, very fine sandstone, 20%

Top	Bottom	Thickness	
1827	2225	398	Shale and siltstone, gray (not sampled)
2225	2243	18	Shale, very dark gray (Sunbury Shale)
2243	2256	13	Sandstone, white, very fine to medium-grained; highly pyritic at top; moderately calcareous, 2251-2256'
<u>Devonian Shales, 1643+ feet</u>			
2256	2262	6	Shale, gray
2262	2834	572	No samples
2834	3086	252	Shale and siltstone, gray to light-gray
3086	3108	19	Siltstone, gray, shaly, 75%; gray shale, 25%
3108	3373	268	Shale, gray (gas 3235, 47,000 cu. ft.)
3373	3433	60	Shale, light-gray and brownish-gray to chocolate brown
3433	3899	466	Shale, gray; the samples in this interval vary greatly in the proportions of shale of different colors but most have considerable amounts of dark-gray to brownish (several small gas pays)
3899			Total depth