

Koontz Realty Co. No. 1 (692) Well

Harts Creek District, Lincoln County, W. Va.

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

Located 2.38 mi. S. of 38° 05' and 2.28 mi. W. of 82° 00' - SE - Midkiff quad.

Elevation 773.69' L.

Permit Lin-552.

Drilled in 1944.

Section based on samples from 1336 to 4022' (with some gaps) examined by

J. H. C. Martens.

Thick-

Mauch Chunk Group, 387 feet.

Top	Bottom	Thick-	ness	Description
1336	1355	19		Limestone, brown with white spots, fossiliferous.
1355	1374	19		Limestone, brown to light-brown, 80%; gray, soft, thinly laminated shale, 20%

Greenbrier Limestone, 186 feet.

1374	1390	16		Limestone, very light brown with a little gray shale.
1390	1416	26		Limestone, very light brown.
1416	1425	9		Limestone, very light brown, indistinctly oolitic, slightly sandy.
1425	1458	33		Limestone, very light brown, oolitic; a few porous fragments, 1425-1436'.
1458	1496	38		Limestone, light-brown, partly oolitic and slightly sandy.
1496	1507	11		Limestone, light-brown, oolitic; oolites are abundant and distinct; there are a few rounded and frosted sand grains.
1507	1522	15		Limestone, nearly white with some light-red, slightly dolomitic.
1522	1539	17		Limestone, very light brown with small proportions of dolomitic fragments.
1539	1550	11		Limestone, brown, slightly dolomitic, with a little brown chert.
1550	1560	10		Limestone, light-brown, oolitic, slightly sandy.

Maocrady Formation, 40 feet.

1560	1600	40		Siltstone and silty shale, red.
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Pocono Formation, 514 feet.

1600	1610	10		Siltstone, nearly white, coarse, 60%; red and gray shale and fine siltstone, 40%.
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Top	Bottom	Thick- ness	
1610	1620	10	Sandstone, gray, very fine, containing also a large proportion of very coarse, rounded quartz grains, many of which are red and yellow.
1620	1626	6	Shale, gray, silty.
1626	1649	23	Shale and siltstone, gray.
1649	2019	370	No samples.
2019	2066	47	Shale and siltstone, gray.
2066	2096	30	Shale, very dark gray (Sunbury Shale).
2096	2114	18	Sandstone, nearly white, very fine, pyritic near top and bottom (Berea Sandstone)

Devonian Shales, 1897 feet.

2114	2165	51	Shale, gray.
2165	3934	1769	Samples not examined.
3934	4011	77	Shale, very dark gray to black.

Huntersville Chert, 11+ feet.

4011	4015	4	Limestone, brown, fossiliferous.
4015	4022	7	Limestone, light-brown, very cherty.
4022			Total depth.