

Susan B. Utt No. 1 Well

Morgan District, Monongalia County, W. Va.

By W. R. Erwin, Morgantown, W. Va.

Located 2.22 mi. S. of 39° 40' and 0.2 mi. W. of 79° 55' -WC- Morgantown
Quadrangle.

Elevation, 1105' L.

Permit Mon-173.

Drilled in 1944. Dry hole.

Section based on samples examined by J. H. C. Martens.

Top.	Bottom.	Thick- ness.	<u>Greenbrier Limestone, 155 feet</u>
1245	1285	40	Limestone, brown to light-brown
1285	1300	15	Limestone, dark brownish gray
1300	1315	15	Limestone, dark brownish gray, partly sandy
1315	1320	5	Limestone, light-brown, 95%; green shale, 5%
1320	1326	6	Limestone, brown
1326	1330	4	No sample
1330	1335	5	Shale, red
1335	1340	5	No sample
1340	1349	9	Sandstone, white, fine, calcareous, 70%; red and green shale, 30%
1349	1400	51	Limestone, very light brown, very sandy, mostly oolitic
1400	1426	26	<u>Pocono Formation, 100+ feet</u> Sandstone, white, medium-grained
1426	1441	15	Sandstone, white, medium- to fine-grained
1441	1500	59	Shale and siltstone, gray (only one sample)

The rest of the samples are at too wide intervals
to be of any value; last sample is marked 1685'.

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Drilled in 1944. Dry hole.

Section based on samples examined by J. H. C. Martens.

Top.	Bottom.	Thick- ness.	<u>Greenbrier Limestone, 155 feet</u> "Big Lime"
1245	1285	40	Limestone, brown to light-brown
1285	1300	15	Limestone, dark brownish gray
1300	1315	15	Limestone, dark brownish gray, partly sandy
1315	1320	5	Limestone, light-brown, 96%; green shale, 5%
1320	1326	6	Limestone, brown
1326	1330	4	No sample
1330	1335	5	Shale, red
1335	1340	5	No sample
1340	1349	9	Sandstone, white, fine, calcareous, 70%; red and green shale, 30%
1349	1400	51	Limestone, very light brown, very sandy, mostly oolitic
1400	1426	26	Sandstone, white, medium-grained (Big Limestone, 1400-1441)
1426	1441	15	Sandstone, white, medium- to fine-grained
1441	1500	59	Shale and siltstone, gray (only one sample)

The rest of the samples are at too wide intervals
to be of any value; last sample is marked 1500'.