

WAY-289

Louisa Collins No. 2 (669) Well

Grant District, Wayne County, W. Va.

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

Located 0.6 mi. S. of 38° 05' and 3.89 mi. W. of 82° 10' - SW - Midkiff
Quadrangle.

Elevation, 1093.5' L.

Permit Way-289.

Drilling commenced Aug. 10, 1943; completed Sept. 30, 1943.

Gas well in Devonian Shales.

Section based on samples from 1664 to 1919', 2497 to 2512' and 2937 to
3971' examined by J. H. C. Martens.

Top Bottom Thickness

Mauch Chunk Group, 27+ feet

1664	1689	25	Limestone, brown, fossiliferous
1689	1691	2	Shale, green, soft, thinly laminated (Pencil Cave)

Greenbrier Limestone, 201 feet

1691	1747	53	Limestone, light-brown to very light-brown
1747	1762	15	Limestone, brown, indistinctly oolitic
1762	1785	23	Limestone, light-brown
1785	1801	16	Limestone, light-brown, partly oolitic and slightly sandy
1801	1810	9	Limestone, light-brown
1810	1825	15	Limestone, very light-brown and light-green
1825	1853	28	Limestone, light-brown
1853	1873	20	Limestone, light-brown, partly oolitic
1873	1892	19	Limestone, brown, dolomitic, with about 20% of white anhydrite

Maccrady Formation, 19 feet

1892 1911 19 Siltstone, red

Pocono Formation, 592 feet

1911	1919	8	Siltstone, gray
1919	2497	578	No samples
2471	2497	26	Shale, dark
2497	2512	4	Siltstone, light-gray, pyritic; also some black and gray shale

2501 2503 2 Siltstone, white, coarse (Berea, 2497-2503')

Devonian Shales, 1462 feet

2503 2512 9 Shale and shaly siltstone, gray

Thick-
Top. Bottom. ness.

2512 3917 1406 Samples not described

3917 3965 48 Shale, black

Muntersville Chert, 6+ feet

3965 3967 2 Limestone, brown, fossiliferous, containing pyrite and
sphalerite

3967 3971 4 Limestone, brown, very cherty

3969 Total depth by record.