

Way-291

Louisa Collins No. 3(673) Well

Grant District, Wayne County, W. Va.

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

Located 1.1 mi. S. of 38° 05' and 3.92 mi. W. of 82° 10' - SW - Midkiff
Quadrangle.

Elevation, 1055.1' L.

Permit Way-291

Drilling commenced Oct. 29, 1943; completed Dec. 19, 1943.

Gas well in Devonian Shales.

Section based on samples from 1626 to 1924' ^{and} 2454-2473' ~~and 2926 to~~
5787' examined by J. H. C. Martens. Survey also has
samples 3026 to 3787'.

Mauch Chunk Group, 24+ feet

Thick-
Top. Bottom. ness.

1626 1650 24 Limestone, brown, with small amount of green and gray
shale

Greenbrier Limestone, 214 feet

1650 1670 20 Limestone, light-brown to nearly white, 80 to 90%; soft,
thinly laminated gray and green shale, 20 to 10% (shale
is probably from thin layer just above limestone)

1670 1771 101 Limestone, light-brown to nearly white

1771 1779 8 Limestone, light-brown, oolitic

1779 1789 10 Limestone, very light-brown and light-green

1789 1807 18 Limestone, very light-brown and light-green, dolomitic

1807 1820 13 Limestone, light-brown, oolitic

1820 1848 28 Limestone, light-brown, slightly dolomitic

1848 1857 9 Limestone, brown, highly dolomitic, with about 30% of
white anhydrite

1857 1864 7 Dolomite, gray and brown, silty, with about 20% of white
anhydrite

Maccrady Formation, 23 feet

1864 1897 23 Siltstone, red

Pocono Formation, 586 feet

1897 1907 20 Siltstone, light-gray, coarse

Thick-
Top. Bottom. ness.

1907	1924	17	Siltstone and silty shale, gray
1924	24 ⁵ 2 4	530	No samples
2454	2465	11	Shale, very dark gray to black (Sunbury Shale)
2465	2472	7	Siltstone, gray to white, pyritic; also some very fine sandstone (Berea Sandstone)

Devonian Shales, 1468 feet

2472	2473	1	Shale and siltstone, gray
3941			Top Corniferous Lime in driller's record.
	3943		Total depth.