

Tyl-141

Joseph Williams No. 7 Well

Ellsworth District, Tyler County, W. Va.

By South Penn Natural Gas Company, Parkersburg, W. Va.

Located 4.43 mi. S. of 39° 35' and 1.14 mi. W. of 80° 50' -SC- New  
Martinsville Quadrangle.

Elevation, 950.47' (ground).

Permit Tyl-141.

Drilled in 1944.

Section based on samples from 1524 to 1786' and 1810 to 1924' examined by  
J. H. C. Martens.

Pottsville Formation, 212 feet

Thick-  
Top. Bottom. ness.

1524	1556	32	Sandstone, white to light-gray, medium-grained
1556	1558	2	Shale, black, silty
1558	1568	10	Siltstone and silty shale, gray
1568	1584	16	Shale, dark-gray, silty
1584	1616	32	Shale, dark-gray, silty, with siderite concretions
1616	1632	16	Siltstone, gray, shaly
1632	1670	38	Sandstone, very light gray to brownish, medium-grained
1670	1673	3	Shale, black, silty
1673	1681	8	Shale, light-brown, with siderite spherulites
1681	1727	46	Shale, black, very silty
1727	1736	9	Shale, light-brown, silty, micaceous, containing siderite, 70%; dark-gray to black, silty shale, 30%

Mauch Chunk Group, 33 feet

1736	1752	16	Limestone, brown ("Little Lime")
1752	1769	17	Shale, gray and green, soft, thinly laminated, 70%; brown limestone, 30% ("Pencil Cave")
1769	1786	17	<u>Greenbrier Limestone, 130 feet</u> Limestone, light-brown, with some gray and green shale cavings
1786	1810	24	No samples.
1810	1840	30	Limestone, light-brown
1840	1855	15	Limestone, brown

Top.	Bottom.	Thick- ness.	
1855	1863	8	Limestone, very light-brown, dolomitic, sandy
1863	1880	17	Sandstone, white, medium- to fine-grained, slightly calcareous; mostly broken up into individual grains, many of which are rounded
1880	1885	5	Sandstone, nearly white, fine, dolomitic, 50%; brown and gray limestone, 50%
1885	1894	9	Sandstone, nearly white, fine- to medium-grained, slightly to moderately calcareous
1894	1899	5	Dolomite, nearly white, sandy and porous; sand is medium-grained, rounded, and frosted

Pocono Formation, 25+ feet

1899	1909	10	Sandstone, white, medium-grained
1909	1914	5	Sandstone, white, coarse, 50%; gray shaly siltstone, 50%
1914	1919	5	Sandstone, gray, fine
1919	1924	5	Sandstone, white, with some rust stain, medium-grained
	1924		Total depth by samples.