

A. C. Griggs No. 8525 Well

Freemans Creek District, Lewis County, W. Va.

By Hope Natural Gas Company, Clarksburg, W. Va.

Located 1.98 mi. W. of 80°40' and 2.48 mi. S. of 39°05' -SW- Vadis Quadrangle.

Elevation, 1018' L.

Permit, Lew-46.

Drilling commenced September 20, 1940; completed, November 8, 1940.

Gas well; volume 156,000 cu. ft.

Rock pressure, 275 lbs. in 13 hrs.

Coal at 240'.

10" casing, 273'; 8 $\frac{1}{2}$ ", 1010'; 6-5/8", 1704'; 3" tubing, 1924'.

Section based on samples from 1428 to 1921' examined by J. H. C. Martens. Some samples appear to be mixed.

Top	Bottom	Thickness	
<u>Monongahela Formation, 245+ feet</u>			
240	245	5	Pittsburgh coal (from driller's record)
<u>Conemaugh, Allegheny, and Pottsville, 1327 feet</u>			
1428	1530	102	Sandstone, white, medium-grained
1530	1567	37	Shale, gray, very silty
1567	1572	5	Siltstone, gray, sandy
<u>Mauch Chunk Group, 166 feet</u>			
1572	1578	6	Siltstone and silty shale, light-green, contains siderite spherulites
1578	1602	24	Sandstone, light-green, very fine, dolomitic
1602	1613	11	Shale, red, calcareous
1613	1628	15	Siltstone, green
1628	1642	14	Shale, red, calcareous
1642	1667	25	Shale, red and green
1667	1672	5	Shale and siltstone, gray (sample out of place?)
1672	1678	6	Sandstone, white, fine; large amount of red shale cavings
1678	1686	8	Limestone, brown, very fine textured; large amounts of red and gray shale, perhaps cavings
1686	1691	5	Limestone, light-brown

Top	Bottom	Thickness	
1691	1704	13	Shale, gray, soft
1704	1723	19	Limestone, dark-brown; a little green shale near bottom
1723	1736	15	Sandstone, light-gray, very fine, silty, calcareous
<u>Greenbrier Limestone, 174 feet</u>			
1738	1799	61	Limestone, very light brown; a little darker limestone near bottom
1799	1859	60	Sandstone, nearly white, fine, calcareous; more highly calcareous portions are somewhat oolitic
1859	1881	22	Limestone, white, sandy, dolomitic
1881	1912	27	Sandstone, white, medium-grained, highly calcareous and dolomitic
<u>Pocono Formation, 9+ feet</u>			
1912	1921	9	Shale and siltstone, grayish-green
	1924		Total depth