

W. B. Maxwell No. 7087 Well

Southwest District, Doddridge County, W. Va.

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

Located 2.61 mi. W. of 80°45' and 3.6 mi. S. of 39°15' -NE- Holbrook

Quadrangle; on Big Run of South Fork Hughes River, 3.8 mi. E. of Oxford.

Elevation, 1204'.

Permit, Dod-106.

Deepening commenced September 28, 1939; completed November 17, 1939.

10" casing, 420'; 8 $\frac{1}{2}$ "", 1115'; 6-5/8", 1632'; 5-3/16", 1905'.

Casing not cemented. No coal was encountered.

Gas well. Volume not given.

Top Bottom Thickness

1742	1742		Sandstone medium-grained, with large amount of rusty iron (base of Pottsville probably between 1742 and 1749')
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Mauch Chunk Group, 95 feet

1749	1758	9	Shale and siltstone, gray, 60%; medium to fine sandstone, 40%
1759	1766	7	Sandstone, grayish-green, fine, calcareous and dolomitic
1766	1770	4	Siltstone, red, calcareous, 50%; fine gray sandstone, 40%; small amounts of gray shale and limestone
1770	1775	5	Sandstone, grayish-green, very fine, shaly
1775	1780	5	Shale, grayish-green and red, calcareous; small amounts of sandstone and limestone
1780	1795	15	Shale, red, calcareous
1795	1800	5	Limestone, brown and white
1800	1810	10	Shale, gray, soft, 50%; brown limestone, 50%
1810	1828	18	Limestone, dark brown (gray when dry), fossiliferous
1828	1842	14	Sandstone, light-gray with considerable rust stain fine; seems to contain little calcareous material except from the limestone above

Top	Bottom	Thickness	
1842	1847	5	Limestone, gray, very fine textured, 90%; soft gray shale, 10%
<u>Greenbrier Limestone, 153 feet</u>			
1847	1855	8	Limestone, brown; a few corals from 1851 to 1855'
1855	1888	33	Limestone, light-brown (nearly neutral gray when dry), slightly to moderately sandy
1888	1914	26	Limestone, dark-brown
1914	1922	8	Limestone, light-brown, dolomitic, sandy
1922	1943	21	Sandstone, light-gray to white, fine, slightly to moderately calcareous
1943	1958	15	Sandstone, light-gray, highly calcareous, medium- to fine-grained, poorly sorted; larger grains are rounded and frosted (gas at 1958')
1958	1996	38	Sandstone, light-gray, slightly yellowish, medium-grained; has large amount of carbonate cement, which is more dolomite than calcite; larger quartz grains are rounded and frosted
1996	2000	4	Sandstone, white, slightly dolomitic
<u>Pocono Formation, 53+ feet</u>			
2000	2032	32	Shale, dark-gray
2032	2047	15	Shale, dark-gray, 50%; gray micaceous siltstone and very fine sandstone, 50%
2047	2053	6	Sandstone, light-gray, fine, 60%; gray shale, 40%
	2053		Total depth shown by samples