

(C)

Milton Realty and Insurance Corp. No. 1 (532) Well

Grant District, Cabell County, W. Va.

By West Virginia Gas Corporation, Charleston, W. Va.

Located 4.4 Mi. S. of 38° 30' and 1.2 Mi. W. of 82° 05' - NC -

Milton Quadrangle.

Elevation, 674.91' L.

Permit Cab. 434.

Drilling commenced Oct. 23, 1945; completed Jan. 11, 1946.

Dry hole. (*Open flow, 36 m. cu. ft. after shot in Devonian shales.*)

Section based on samples from 1535 to 1920', examined by J. H. C. Martens.

Top	Bottom	Thickness	
			<u>Mauch Chunk Group, 104 feet</u>
1535	1545	10	Siltstone, gray, with a little siderite and trace of white limestone
			<u>Greenbrier Limestone, 181 feet</u>
1545	1550	5	Limestone, light-brown to white, oolitic
1550	1605	55	Limestone, light-brown
1605	1615	10	Limestone, nearly white, oolitic, very porous; pores are lined with very fine calcite crystals and a little pyrite; insoluble residue contains a very few quartz crystals formed around sand grains
1615	1622	7	Limestone, nearly white; probably porous like preceding sample but broken finer
1622	1650	28	Limestone, light-brown
1650	1659	9	Limestone, very light brown, oolitic, sandy
1659	1666	7	Limestone, light-brown, oolitic, very sandy
1666	1675	10 ⁹	Limestone, light-brown, highly dolomitic, porous
1675	1708	33	Limestone, nearly white, highly dolomitic, slightly porous
1708	1726	18	Dolomite, light-brown
			<u>Pocono Formation, 594 feet</u>
1726	1740	14	Siltstone, light-gray, coarse, slightly dolomitic
1740	1755	15	Siltstone, gray, with small specks of siderite

1755	1770	15	Shale, gray, silty
1770	1787	17	Sandstone, nearly white, medium- to coarse-grained; also some gray silty shale (water, 1780', hole full)
1787	1817	30	Sandstone, white, medium-grained
1817	1844	27	Sandstone, white, with some rust stain, coarse
1844	1874	30	Sandstone, light-gray, fine, 60%; gray silty shale, 40%
1874	1902	28	Shale and coarse siltstone, gray
1902	1920	18	Shale, dark-gray
2299	2320	21	Berea Sand, in record
	3645		Total Depth