

Boyd C. Collins No. 1 (1549) Well

DeKalb District, Gilmer County, W. Va.

By Carnegie Natural Gas Company, Pittsburgh, Pa.

Located 4.3 mi. W. of 80°50' and 0.18 mi. S. of 38°55' -C- Glenville Quadrangle.

Elevation, 1221' L.

Permit, 611-466.

Drilling commenced Nov. 15, 1940; completed Dec. 19, 1940.

Shot at 2068-2103'.

Volume 25,830 cu. ft.; rock pressure 250 lbs. in 16 hours.

10" casing 203'; 8 1/4", 1068'; 6-5/8", 2000'.

Top Bottom Thickness

Pottsville Formation, 520+ feet

Top	Bottom	Thickness	Description
1370	1380	10	Sandstone, white, medium-grained; contains small amounts of mic ^c , chlorite, siderite and carbonaceous matter
1380	1390	10	Siltstone, dark-gray, shaly, micaceous
1390	1425	35	Shale, dark-gray to black, partly silty
1425	1436	11	Shale, light-gray, soft, 50%; dark-gray to black siltstone and silty shale, 50%
1436	1447	11	Shale, black, silty
1447	1452	5	Sandstone, light-gray, fine
1452	1460	8	Shale, black
1460	1512	52	Siltstone, gray, shaly, micaceous
1512	1578	66	Sandstone, nearly white, fine, calcareous; contains some siderite; a little dark shaly siltstone between 1534 and 1545'
1578	1615	37	Sandstone, nearly white, fine
1615	1760	145	Siltstone, dark-gray, shaly, micaceous
1760	1805	45	Sandstone, white, medium-grained; calcareous from 1760 to 1774' (show of gas at 1800')
1805	1850	45	Shale and siltstone, gray
1850	1890	40	Sandstone, white, medium-grained; a few very coarse sand grains or quartz pebbles at bottom (show of oil 1880-1890')

Top	Bottom	Thickness	
<u>Mauch Chunk Group, 72 feet</u>			
1890	1898	8	Shale, gray and green, soft, pyritic, 50%; gray siltstone, 50%
1898	1910	12	Shale, red, calcareous
1910	1941	31	Limestone, dark-brown ("Little Lime")
1941	1948	7	No sample
1948	1955	7	Limestone, nearly white, sandy and silty, 70%; soft gray and green shale, 30%
1955	1962	7	Shale, gray, soft, distinctly laminated ("Pencil Cave")
<u>Greenbrier Limestone, 154 feet</u>			
1962	1976	14	Limestone, brown; contains some oolites (show of gas 1974')
1976	2020	44	Limestone, light-brown to nearly white
2020	2032	12	Limestone, brown, sandy; contains a few oolites
2032	2063	31	Limestone, light-brown to very light brown, oolitic and sandy
2063	2070	7	Limestone, light-brown, very fine textured
2070	2086	16	Limestone, nearly white, very fine textured, moderately dolomitic (show of gas, 2073')
2086	2116	30	Limestone, nearly white, sandy, dolomitic; a few oolites, 2086-2101'; larger sand grains are rounded and frosted
<u>Pocono Formation, 52+ feet</u>			
2116	2178	52	Siltstone, gray to grayish-green, with small amounts of gray shale
	2178		Total depth