

G. B. Fisher No. 1 (7725) Well

Birch District, Braxton County, W. Va.

By Pittsburgh and West Virginia Gas Company, Pittsburgh, Pennsylvania.

Located 2.08 mi. W. of 80°50' and 0.94 mi. S. of 38° 40' -C- Gasway Quadrangle;
1.2 mi. N. of Framtown.

Elevation, 1006' B.

Permit, BRAX-88.

Drilling commenced Dec. 23, 1939; completed, Feb. 10, 1940.

18" wood conductor, 15'; 10" casing, 190'; 8 1/8", 818'; 6 5/8", 1797'.

Dry hole. Plugging permit issued by Department of Mines.

Top	Bottom	Thickness	
			Total Pennsylvanian 1540+ feet
			<u>Pottsville Formation 140+ feet</u>
1400	1405	5	Siltstone, gray, shaly, micaceous
1405	1412	7	Sandstone, white, medium-grained, nearly all quartz
1412	1431	19	Sandstone, gray, fine to very fine; includes some shaly siltstone toward bottom
1431	1447	16	Sandstone, white, coarse- to medium-grained
1447	1456	9	Shale, dark-gray, with siderite concretions
1447	1540	93	Sandstone, white to light-gray, medium- to coarse-grained; mostly contains some quartz pebbles; contains a little chlorite and considerable kaolin or related clayey material; siderite concretions or pebbles, 1494-1503'
			<u>Mauch Chunk Group, 227 feet</u>
1540	1550	10	Shale, gray to grayish-green, 90%; soft red shale, 10%; gray shale is micaceous and contains siderite spherulites
1550	1556	6	Siltstone, light-green, calcareous
1556	1558	2	Shale, red, soft
1558	1565	7	Siltstone(?), light-green, calcareous
1565	1607	42	Shale, red, soft, slightly calcareous
1607	1698	91	Siltstone, light-gray and green, calcareous, 50%; red and gray shale, 50%
1612	1617	5	Shale, gray, very soft
1617	1657	40	Sandstone, white, hard; texture varies from very fine near top to fine toward bottom; breaks mostly in small chips
1657	1673	16	Shale, red and green, soft, calcareous
1673	1680	7	Shale, green and gray; small amount of brown limestone
1680	1685	5	Shale, red, soft, calcareous

Top	Bottom	Thickness	
1688	1690	5	Shale, grayish-red, soft, calcareous
1690	1708	18	Shale, gray, soft, distinctly laminated
1708	1732	24	Limestone, brown, with some fossils; samples also contain much shale from above
1732	1740	8	Limestone, light-brown, sandy; also much soft gray and green shale
1740	1749	9	Siltstone, gray, somewhat dolomitic; grades into the sandstone below
1749	1770	21	Sandstone, light-gray and white, very fine
1770	1777	7	Shale, gray, soft, distinctly laminated
<u>Greenbrier Limestone, 206 feet</u>			
1777	1780	3	Limestone, brown
1780	1784	4	Limestone, very light brown
1784	1797	13	Limestone, very light brown or grayish-yellow, oolitic; samples from 1777 to where casing was set at 1797 consist mostly of shaleavings
1797	1837	40	Limestone, light-brown; nearly neutral-gray when dry; contains some fossils
1837	1861	24	Limestone, light-brown, very fine textured
1861	1878	14	Limestone, very light brown, sandy and oolitic
1878	1888	8	Limestone, light-brown
1888	1898	10	Limestone, very light brown, sandy and oolitic
1898	1908	10	Limestone, light-brown, moderately sandy
1908	1920	12	Limestone, very light brown, oolitic, very sandy; larger sand grains are rounded and frosted
1920	1936	16	Limestone, nearly white, fine-textured, somewhat dolomitic
1936	1961	25	Limestone, a little dolomite and sand, light-gray to brownish
1961	1965	4	Limestone, very light brown, oolitic, very sandy; many of sand grains are rounded and frosted
1965	1981	16	Sandstone, nearly white, medium-grained, with large amount of dolomite cement
<u>Lower Mississippian and Upper Devonian, 208+ feet</u>			
1981	1990	9	Siltstone, gray, shaly, micaceous
1990	2064	64	Siltstone and silty shale, gray to grayish-green, micaceous
2064	2085	21	Siltstone, gray, with some shale; not much different from interval above
2085	2126	41	Sandstone, gray, very fine, micaceous; includes some siltstone and silty shale

Top	Bottom	Thickness	
2126	2146	20	Siltstone and silty shale, gray
2146	2188	40	Shale, dark-gray, micaceous; interstratified with some lighter gray siltstone
2188	2249	61	Shale and siltstone, gray to grayish-green, micaceous; contains a few fossil shell fragments
2249	2266	17	Shale, gray to grayish-green, silty; also small amount of grayish shale
2266	2275	9	Shale, dark-gray, 70%; light-green calcareous siltstone with fossil shells, 30%
2275	2332	57	Shale, gray to grayish-green; some interbedded siltstone with a few fossil shells
2332	2365	33	Siltstone, grayish-green, slightly calcareous; also some gray shale
2365	2415	50	Shale, gray to grayish-green, silty
2415	2430	15	Shale, gray to grayish-green, silty, 90%; grayish-red shale, 10%
2430	2700	270	Shale and siltstone, gray to grayish-green; most of the samples are more than half shale; in general the siltstone is greener than the shale
2700	2725	25	Siltstone, gray, slightly calcareous; only slightly coarser than the material above and below
2725	2779	54	Shale and siltstone, gray
	2784		Total depth