

SEP 2 1954

By Bohr and Havern c/o Harry Bohr, 857 S. Chestnut St., Clarksburg, W. Va.
 Lafayette District, Pleasants County, W. Va.
 Located 3.81 mis. S. of 39° 23' Lat. and 2.04 mi. W. of 81° 00' Long.
 St. Marys Quadrangle, - EC.
 Permian - Pleas-478.
 Elevation 868'.

Top	Bottom	Thickness	
1610	1635	25	Sandstone, medium light gray to light olive gray in the upper part to light gray in the lower part, fine to medium grained, subangular to subrounded, many secondary crystal facets, many coarse quartz grains at the bottom; mica, chlorite, kaolinite and argillaceous material in moderate amount in the upper part and a little in the lower part
<u>MAUCH CHUNK, 21 Feet.</u>			
1635	1641	6	Shale, greenish gray to medium dark gray, silty with dark yellowish brown siderite, spherulites, soft
1641	1647	6	Limestone, brownish gray to brownish black, very highly argillaceous
1647	1656	9	Limestone to shale, dark gray to gray ^{ish} and brownish black, highly fossiliferous (some crinoid stems); some dark gray fossiliferous shale at the bottom
<u>GREENBRIER LIMESTONE, 107 Feet.</u>			
1656	1661	5	Limestone, pale yellowish brown to light olive gray, silty to sandy (very fine), argillaceous in part with some silty and sandy shale (dark greenish gray) at the top
1661	1665	4	Limestone, pale to dark yellowish brown, oolitic
1665	1673	8	Limestone (argillaceous) to shale (highly calcareous), dark yellowish brown to olive gray, oolitic in part; a very large amount of olive gray to dark gray, calcareous shale in the lower part
1673	1686	13	Limestone, pale to dark yellowish brown, oolitic and very sandy (very fine) in part at the top
1686	1704	18	Limestone, olive gray to dark yellowish brown, mostly dark yellowish brown in the middle part, somewhat fossiliferous (foraminifera), argillaceous in part
1704	1711	7	Limestone, dark yellowish brown to brownish black (highly argillaceous) fossiliferous, spicular, dolomitic in part
1711	1719	8	Limestone, olive gray to dark yellowish brown, very highly oolitic, highly fossiliferous, some of the limestone is cemented with greenish gray shale; sandy in part; some brownish black to grayish black, fossiliferous (some crinoids), shaly limestone, sandy in part
1719	1726	7	Limestone, pale yellowish brown to light olive gray, very highly oolitic in part, dolomitic in part

1726	1739	13	Sandstone, very light gray, to yellowish gray, very fine to fine grained, some medium grains, rounded, dolomitic; some pale yellowish brown to medium gray, very sandy dolomite; small amount of greenish gray, highly argillaceous sandstone
1739	1763	24	Limestone-oolites, yellowish orange to pale yellowish brown, pale to dark yellowish brown at the top; some dark yellowish brown to brownish black, sandy dolomite at the top, shaly in part
			<u>POCONO FORMATION, FEET.</u>
1763	1768	5	Siltstone to shale, medium dark gray with greenish cast, sandy (very fine) in part; some mottled medium gray and dark yellowish brown, highly sideritic, very fine to fine grained sandstone
1768	1775	7	NO SAMPLE
1775	1784	9	Shale to siltstone, medium to medium dark gray, very sandy in part with some light gray, very fine to fine grained sandstone with a few coarse quartz grains, sideritic (sperulites)
1784	1799	15	Sandstone, very light gray, finegrained, subangular, contains many sand grains with secondary crystal facets, a clean sand
1799	1886	87	Sandstone, very light to light gray, very fine to fine grained, subangular, many secondary crystal facets, detrital (shale, chlorite, kaolinite) grains, somewhat argillaceous, some medium to coarse grains from 1847 to 1855
1886	1895	9	Shale, dark gray to grayish black, some medium dark gray (siltstone and shale); a very large amount of sandstone, very light gray to brownish gray, very fine to fine grained
1895	1915	20	Sandstone, very light to light gray, very fine grained, some fine to medium grains, small amount of (detrital) shale grains, some coarse to very coarse quartz grains at the bottom
1915	1918	3	Shale to siltstone, medium dark to dark gray, somewhat sandy; contains detrital Mica, kaolinite and carbonaceous specks
1918	1924	6	No sample
1924	1968	44	Shale, medium dark to dark gray; siltstone, medium dark to dark gray, micaceous, kaolinitic; a very small amount of dark to dusky yellowish brown, shaly siderite
1968 1924	2023	55	Siltstone, medium gray to medium dark gray, micaceous, kaolinitic; some interbeds of dark gray and medium dark gray shale; small amount of highly sideritic siltstone and shale, dark to dusky yellowish brown
2023	2050	27	Siltstone and some shale, medium dark gray, some medium dark to dark gray
2050	2075	25	Siltstone and shale, medium dark to dark gray
2075	2135	60	Siltstone, medium dark gray, some medium dark to dark gray; moderate amount of dark gray silty shale
2135	2224	89	No sample

2224	2255	31	Siltstone, medium gray; a very large amount of shale, dark gray, some medium to dark gray, a very small amount is pyritic
2255	2268	13	Shale and some siltstone, medium dark to dark gray; some brownish gray siltstone to sandstone (very fine grained)
2268	2307	39	Siltstone, medium gray and medium dark gray; some dark gray shale
2307	2315	8	No sample
2315	2325	10	Siltstone, medium dark gray, medium dark gray to dark greenish gray; some medium dark gray to dark gray
2325	2378	53	No sample
2378	2388	10	Siltstone, medium gray to greenish gray, medium dark gray to dark greenish gray; some dark gray shale and siltstone; small amount of dusky brown to brownish gray shale

2700

Total depth