

APR 30 1954
 (C)

E. B. AND CLINTON BURTON No. 5 WELL.

By W. D. Bartlett et al, Spencer, W. Va.
 Troy District, Gilmer County, W. Va.
 Located 2.85 Mi. S. of Latitude 36° 05' and .86 Mi. W. of Longitude 80° 45'.
 Holbrook Quadrangle - SE.
 Elevation 985' L.
 Permit Gil - 972.
 Samples examined by Russell R. Flowers.

Top	Bottom	Thickness	
1970	1974	4	No sample
<u>NAUCH CHUNK, 61, plus, Feet.</u>			
1974	1989	15	Siltstone and shale, medium dark gray to dark greenish gray, Small amount of grayish red to brownish gray in the upper part, sandy (very fine) at the bottom; limestone, olive gray to dark yellowish brown (?)
1989	1997	8	Sandstone, very light gray to light gray, very fine grained, calcareous and somewhat dolomitic; siltstone, medium dark gray to greenish gray (as above most of the outtings are somewhat oxidized)
1997	2005	8	Shale, moderate reddish brown to dark yellowish brown, dark greenish gray to olive gray (colors are brighter and yellower than usual due to oxidation - heated?)
2005	2013	10	Shale Limestone, brownish gray to brownish black, silty, dolomitic, fossiliferous; siltstone and silty shale, medium dark gray to medium gray and greenish gray
2013	2016	3	Shale, medium dark to dark gray, silty, soft
2016	2035	19	Limestone, brownish black, very shaly, highly fossiliferous (orinoids); some medium dark to dark gray shale at the bottom
<u>GREENRIVER LIMESTONE, 148'</u>			
2035	2048	13	Limestone, light olive gray, somewhat fossiliferous, very light gray and and sandy in the lower part; a large amount of grayish and greenish shale (avings?)
2048	2050	2	Limestone, olive gray, argillaceous, fossiliferous
2050	2088	38	Limestone, dark yellowish brown to olive gray, somewhat argillaceous
2088	2097	9	Limestone, dark gray to brownish black, small amount of garyish black, argillaceous to highly argillaceous, some very highly argillaceous
2097	2118	21	Sandstone, yellowish gray to light brownish gray, very fine to fine grained, some medium grains, rounded, very highly calcareous; moderate amount of light olive gray limestone
2118	2126	8	Sandstone, yellowish gray, vvery fine grained, calcareous

2126	2147	21	Sandstone, yellowish gray to light brownish gray, very fine grained to fine grained highly calcareous
2147	2155	8	Limestone, light olive gray to olive gray to a pale brownish dolomite
2155	2165	10	Limestone, light brownish gray, very sandy, very fine to fine grained, with some medium grains at the top, fine to medium grained with some coarse grains at the bottom, dolomitic in the lower part
2165	2183	18	Limestone, pale yellowish brown, very fine grained to medium grained, large grains , highly dolomitic
<u>POGONO FORMATION, 287 Feet.</u>			
2183	2193	10	Siltstone and shale, medium dark gray to dark greenish gray, sideritic in part
2193	2207	14	Siltstone and shale, medium dark to dark gray, sideritic in part
2207	2214	7	Siltstone, medium to medium dark gray, some dark yellowish brown, small amount of brownish gray (sample heated?)
2214	2239	25	Siltstone, medium dark gray with greenish cast; moderate amount of dark gray shale
2239	2250	11	Siltstone and some shale, medium dark to dark gray
2250	2270	20	Siltstone, light to medium gray, coarse grained with dark gray to grayish black and dark yellowish brown siltstone and shale (too much heat during drying)?
2270	2304	34	Siltstone, very light to medium gray, coarse grained with dark gray to grayish black and from 2275-90', slightly calcareous
2304	2330	26	Siltstone, light to medium gray; some dark gray siltstone and shale
2330	2381	51	Siltstone, very light gray, coarse, small amount of dark gray (argillaceous)
2381	2391	10	Siltstone, light to dark gray; some dark gray shale
2391	2415	24	Shale, dark gray, silty
2415	2440	25	Shale, grayish black; shale, dark gray silty (SUNBURY shale)
2440	2445	5	Shale, dark gray, some grayish black
2445	2467	22	Sandstone, yellowish gray to medium gray, very fine to fine grained, some medium to coarse grains (rounded), calcareous; shale, grayish black, some dark gray
2467	2470	3	Sandstone, light gray to olive gray, very fine to fine grained, with medium to coarse (rounded) grains calcareous; shale and some siltstone, medium dark gray to dark gray

BASE OF BEREA, 2470

DEVONIAN SHALES, 187 (plus) Feet.

2470	2475	5	Shale and some siltstone, medium dark gray to dark gray
2475	2480	5	Shale and some siltstone, discolored by excessive heating
2480	2505	25	Shale and siltstone, medium dark to dark gray
2505	2515	10	Shale and siltstone, discolored by heating during drying
2515	2570	55	Siltstone and some shale, medium to medium dark gray
2570	2580	10	Shale and some siltstone, medium dark to dark gray
2580	2620	30	Shale and siltstone, medium dark to dark gray; a moderate amount of very light gray to medium gray siltstone (coarse) to sandstone (very fine grained)
2620	2636	16	Shale, medium dark to dark gray; siltstone with some very fine sandstone, medium dark gray to greenish gray
2636	2653	17	Shale and siltstone, medium dark gray to dark gray with greenish cast; some very light siltstone (coarse) to sandstone (very fine grained)
2653	2660	7	Shale, medium dark to dark gray; some light to medium dark gray sandy shale to siltstone and very fine sandstone
2660	2667	7	Sandstone, very light gray, very fine grained; shale, medium dark to dark gray
	2674		TOTAL DEPTH