

FEB 22 1954

Wood County ~~and~~ <sup>Co</sup> Petroleum ~~Tract~~ #57

By Dennis O'Brien Estate, 426 13th St., Parkersburg, W. Va.  
 Grant District, Ritchie County, W. Va.  
 Located 1.47 Mi. S. of 39° 15' and 1.75 Mi. W. of 81° 15'.  
 Elizabeth Quadrangle - NE.  
 Elevation 1046.5'  
 Permit Ritchie - 1504

Top Bottom Thickness

Pottsville Formation, 76, plus, Feet

418	432	14	Sandstone, light gray to light olive gray, fine grained, many medium to very coarse grains in the lower part, argillaceous; some dark gray to grayish black, silty shale
432	439	7	Sandstone, very light gray, medium to very coarse grained, some granules
439	446	7	Sandstone, light olive gray, fine to medium grained, some coarse to very coarse grains, contains limonitic to sideritic cement; some <del>dark</del> dusky yellowish brown, highly sideritic shale to siderite; some <del>black shale</del> , dark gray to grayish black shale
446	453	7	Sandstone, very light gray as above with very little limonitic and sideritic cement; the large grains are rounded
453	459	6	Sandstone, light gray to light olive gray, fine grained, some medium grains, subrounded to rounded
459	480	21	Sandstone, very light gray, some light gray in the middle part, fine to very coarse grained, subrounded to rounded, some sideritic and limonitic cement in the middle part
480	487	7	Sandstone, very light gray, fine to medium grained, subrounded to rounded, small part is sideritic and limonitic
487	494	7	Sandstone, white to very light gray, coarse grained to granules, rounded

Mauch Chunk Formation, 21 Feet.

494	508	14	Sandstone, very light gray, fine grained, rounded, very fine grained (subrounded to rounded) in the lower part
508	515	7	Sandstone, very light gray, fine grained, with many medium grains and some coarse grains, rounded to argillaceous (a large percentage of the sand has secondary crystal facets)

Greenbrier Limestone, 31 Feet.

515	525	10	Limestone, oolitic, pale yellowish brown, sandy (fine to medium grained, well rounded)
525	530	5	Limestone to siltstone, and very fine sandstone, light olive gray
530	543	13	Limestone, moderate to dark yellowish brown (oil wet), pale yellowish brown to light olive gray (after treatment with $CCl_4$ ), very silty to a highly calcareous and very fine sandstone, dolomitic, (contains many fine to coarse well rounded sand grains)
543	546	3	Limestone, light olive gray, very sandy, fine to coarse (well rounded) with much very fine sand to coarse silt, somewhat dolomitic