

Farm Floreed Brosius No. 4
 Company McDonald Spidel, Allegan, Michigan
 Permit Braxton 580
 District Salt Lick, Braxton Co., West Virginia
 Quadrangle Burnsville WC
 Location 3.6 mi W of 80°40'; 4.8 mi S of 38°55'
 Copen Run
 Elevation 969 feet
 Commence drilling 6/24/64, Complete drilling 7/29/64
 Well type Gas, Volume: 5600 MCFGPD, 750# 12 hrs.
 Well not completely examined.
 Examined descriptively by Tom W. Carpenter
 All percentages are visual estimates; all depths are feet.

Top Bottom Thickness

MAUCH CHUNK GROUP, 46+ feet

1730	1735	5	Shale and siltstone, 55%, dark gray, pyrite; Limestone, 35%, gray, silty, argillaceous, echinoderm fragments, forams; Sandstone, 10%, white, VF, calcareous
1735	1745	10	Sandstone, 50%, white, VF, tightly packed grains, very calcareous, some clay coats Shale, 30%, dark gray; Siltstone, 20%, light gray
1745	1952	7	Sandstone, 85%, white, VF, less calcite cement than above; Shale, 15%, black to dark gray, silty
1752	1763	11	Shale, 90%, black to dark gray, pyrite; Sandstone, 10%, as above
1763	1776	13	Shale, 100%, black to dark gray, pyrite

GREENBRIER LIMESTONE, 207 feet

1776	1783	7	Shale, 80%, black, dark gray; Limestone, 20%, gray, oolitic, fossiliferous, crinoid, echinoderm, and brachiopod fragments, <u>Endothyrid</u> forams, slightly silty
1783	1789	6	Limestone, 75%, as above; Shale, 25%, as above
1789	1914	125	Samples not examined
1914	1918	4	Dolomite, 100%, tan, very calcareous, VF and Coarse quartz; Calcite/dolomite/quartz = 42/48/10

Top	Bottom	Thickness	Braxton 580
1918	1929	11	Dolomite, 100%, tan to white, calcareous ooids, VF and rounded Coarse quartz, traces of black shale; Calcite/dolomite/quartz = 40/50/10
1929	1939	10	Dolomite, 55%, tan to white, undolomitized ooids, Coarse quartz; Limestone, 45%, tan, dolomitic rims around ooids, Coarse quartz; Calcite/dolomite/quartz = 42/51/7
1939	1949	10	Dolomite, 85%, white, calcareous, much VF and Coarse quartz; Limestone, 15%, white to tan, oolitic, dolomitic; Calcite/dolomite/quartz = 15/47/38
1949	1963	14	Dolomite, 100%, white, no visible structure, much VF and rounded and frosted Coarse quartz, some nearly dolomitic sandstones; Calcite/dolomite/quartz = 0/51/49
1963	1975	12	Dolomite, 100%, white, no calcite, subangular Fine and Medium and rounded Coarse quartz; Calcite/dolomite/quartz = 0/58/42
1975	1983	8	Dolomite, 60%, white, as above; Sandstone, 40%, white to gray, VF
POCONO GROUP, 27+ feet			
1983	1994	11	Sandstone, 100%, white to light gray, VF, some clay coats
1994	1998	4	As above with some traces of siltstone
1998	2002	4	Sandstone, 60%, as above; Siltstone, 40%, gray
2002	2010	8	Sandstone, 50%, as above; Siltstone, 50%, as above