

Farm James Hosey et al. No. 1
 Company Franklin Adkins, Vienna, West Virginia
 Permit Braxton 921
 District Otter, Braxton Co., West Virginia
 Quadrangle Glenville SE
 Location 0.5 mi W of 80° 45'; 2.0 mi S of 38° 50'
 Cedar Creek
 Elevation 973 feet
 Commence drilling 10/5/70, Complete drilling 11/9/70
 Well type Gas, Volume: 1008 MCFGPD, 580# 20 hrs.
 Well not completely examined.
 Examined descriptively by Tom W. Carpenter
 All percentages are visual estimates; all depths are in feet.

Top Bottom Thickness

MAUCH CHUNK GROUP, 141 + feet

1697	1715	18	Shale, 70%, red and gray; Siltstone, 30%, gray, slightly calcareous
1715	1725	10	No samples
1725	1741	16	Siltstone, 75%, gray; Shale, 15%, red and gray; Sandstone, 10%, gray, VF
1741	1750	9	No samples
1750	1760	10	Shale, 85%, black, gray, red, some carbonaceous material; Siltstone, 10%, gray; Sandstone, 5%, white, VF
1760	1770	10	As above
1770	1770	10	Sandstone, 50%, white to light gray, VF, pyrite, slightly calcareous; Shale, 40%, gray; Siltstone, 10%, gray, pyrite
1780	1786	6	Shale, 35%, gray; Siltstone, 35%, gray, calcareous; Limestone, 25%, gray, silty, pyrite, biomicrite; Sandstone, 5%, white, VF, calcareous
1786	1792	6	Limestone, 75%, dark gray, silty, pyrite; Shale, 25%, gray; Sandstone, trace, white, VF
1792	1800	8	Limestone, 50%, gray, brachiopods, echinoderm fragments, very silty, Shale, 50%, gray, pyrite

Top	Bottom	Thickness	Braxton 921
1800	1810	10	Shale, 50%, black, pyrite; Siltstone, 25%, medium gray, slightly calcareous; Sandstone, 15%, white, angular, VF, pyrite, very calcareous; Limestone, 10%, dark gray, as above
1810	1820	10	Sandstone, 93%, gray to brown, VF, slightly calcareous; Shale, 5%, dark gray to black, pyrite; Limestone, 2%, as above
1820	1828	8	Sandstone, 90%, light gray, VF to Fine, calcareous; Shale, 10%, black, pyrite
1828	1840	12	Shale, 93%, black, brachiopod fragment, pyrite; Limestone, 7%, light gray, oomicrite, pyrite, gastropods, silty; Sandstone, trace, white, VF, calcareous
GREENBRIER LIMESTONE, 208± feet			
1840	1848	8	Limestone, 50%, gray to white, oolitic, fossiliferous, gastropod fragment, silty; Shale, 50%, black, pyrite; Sandstone, trace, white, VF
1848	1856	8	Shale, 50%, gray, pyrite; Limestone, 40%, white, tan, oolitic (oosparite), gastropod fragment, slightly dolomitic; Dolomite, 10%, white, calcareous, sucrosic, the dolomite is replacing sparry calcite
1856	1862	6	Limestone, 50%, white, tan, dolomitic; Shale, 40%, gray to black; Dolomite, 10%, white, tan, calcareous
1862	1895	33	No samples
1895	1900	5	Limestone, 93%, tan to gray, fossiliferous, slightly oolitic, some VF quartz, slightly silty, pyrite; Shale, 5%, gray, pyrite; Sandstone, 2%, white, VF, calc.
1900	1925	25	No samples
1925	1930	5	Dolomite, 85%, tan, much VF quartz, calcareous; Limestone, 8%, tan to gray, slightly oolitic, some VF quartz Calcite/dolomite/quartz = 25/50/25 Shale, 7%, black, pyrite

Top Bottom Thickness			Braxton 921
1930	1936	6	Limestone, 47%, white, tan, oolitic, dolomitic, some VF quartz; Dolomite, 47%, white, tan, calcareous, less VF quartz than above; Shale, 3%, black; Sandstone, 3%, white, VF, calcareous
1936	1940	4	Limestone, 88%, tan, white, oolitic, slightly dolomitic, VF and Coarse quartz, coarse quartz is rounded and frosted; Dolomite, 7%, tan, VF quartz, calcareous; Shale, 5%, black
1940	1946	6	Limestone, 80%, tan, white, some chips are oolitic, some chips have VF quartz, much loose (5%) Medium rounded to sub-rounded quartz; Shale, 15%, black to gray, pyrite
1946	1957	11	Limestone, 70%, white to light gray, oolitic, much VF and Medium quartz, some chips are almost calcareous sandstones; Loose quartz, 5%; Shale, 25%, black, pyrite
1957	1962	5	Limestone, 95%, tan, white, oosparite, slightly fossiliferous, pyrite; Shale, 5%, black, pyrite
1962	1978	16	No samples
1978	1985	7	Dolomite, 75%, tan, calcareous; Limestone, 20%, tan, oosparite, dolomite replacing sparry calcite; Shale, 5%, gray to black
1985	1991	6	No samples
1991	2000	9	Limestone, 95%, tan, oolitic, slightly dolomitic, some VF to Fine quartz, dolomite replacing spar along rims of ooids; Shale, 5%, gray to black
2000	2007	7	Dolomite, 60%, white, some ooids, calcareous, VF quartz, ooids are last to be dolomitized; Limestone, 37%, tan, oosparite, slightly dolomitic, VF quartz; Shale, 3%, gray to black

Top	Bottom	Thickness	Braxton 921
2007	2015	8	Limestone, 90%, tan, some dolomite, VF, Fine and Medium quartz, pyrite; Dolomite, 5%, tan, calcareous; Shale, 5%, black, pyrite
2015	2021	6	Dolomite, 93%, white, spar is dolomitic, ooids are calcite, VF and Medium quartz; Limestone, 5%, tan, dolomitic; Shale, 2%, black
2021	2029	8	Dolomite, 93%, white, calcareous ooids, VF and Medium quartz (rounded) Calcite/dolomite/quartz = 30/55/15 Shale, 7%, black
2029	2036	7	Dolomite, 70%, white, calcareous ooids, VF and Medium quartz, some silt; Limestone, 10%, tan, gray, biomicrite (?), dolomitic, pseudocoids Calcite/dolomite/quartz = 20/60/20 Shale, 20%, brown to gray
2036	2046	10	Dolomite, 97%, tan, much VF and Medium quartz Dolomite/quartz = 60/40 Shale, 3%, black
2046	2055	9	No sample
POCONO GROUP, 17+ feet			
2055	2065	10	Sandstone, 65%, white, VF, some Medium, dolomitic cement; Shale, 20%, gray to black, pyrite; Siltstone, 15%, gray
2065	2072	7	Sandstone, 98%, white, VF and rounded Coarse quartz, dolomitic cement; Shale, 2%, gray