

Farm Brenton B. Burke No. 1  
 Company Manor Oil Co., Glenville, West Virginia  
 Permit Gilmer 1328  
 District Center, Gilmer Co., West Virginia  
 Quadrangle Glenville SE  
 Location 2.6 mi W of 80° 45'; 0.2 mi S of 38° 50'  
 Butcher's Run  
 Elevation 899 feet  
 Commence drilling 10/15/61, Complete drilling 12/16/61  
 Well type Gas, Volume: 80 MCF/GPD, 385# 24 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, 63+ feet

1810	1819	9	Shale, 70%, gray, calcareous; Siltstone, 20%, gray; Limestone, 10%, gray, argillaceous, pyrite
1819	1828	9	Limestone, 50%, gray to dark brown, fossil fragments; Shale, 40%, gray, fossils, calcareous, pyrite; Siltstone, 10%, gray
1828	1836	8	Limestone, 70%, gray, fossil fragments; Shale, 25%, gray; Siltstone, 5%, gray, slightly calcareous
1836	1846	10	Sandstone, 50%, white, VF, orthoquartzite, slightly calcareous; Shale, 40%, gray; Limestone, 10%, dark gray, quartzose
1846	1853	7	Sandstone, 70%, white, VF, as above; Shale, 20%, gray, pyrite; Siltstone, 10%, gray; Limestone, trace, as above
1853	1860	7	Sandstone, 70%, gray and white, VF, slightly calcareous; Shale, 20%, gray, calcareous, pyrite; Siltstone, 10%, gray
1860	1873	13	Shale, 85%, gray; Sandstone, 15%, gray and white, VF

GREENBRIER LIMESTONE, 194 feet

1873	1883	10	Limestone, 70%, tan, well developed oosparite; Shale, 15%, gray, pyrite; Siltstone, 15%, gray, mica; Sandstone, trace, white, VF, orthoquartzite
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Top	Bottom	Thickness	Gilmer 1328
1883	1888	5	Limestone, 85%, tan to white, oolitic, slightly dolomitic; Siltstone, 15%, dark gray
1888	1912	24	Samples not examined
1912	1920	8	Limestone, 85%, gray, mudstone to wackestone; Siltstone, 15%, gray, calcareous; Shale, trace
1920	1927	7	Limestone, 85%, tan, some VF quartz and silt; Siltstone, 15%, gray, calcareous
1927	1932	5	Sandstone, 85%, white, VF, angular, very calcareous, pyrite; Shale, 10%, gray; Limestone, 5%, tan, oolitic
1932	1941	9	Limestone, 85%, tan, oolitic, slightly quartzose; Sandstone, 12%, white, VF, calcareous, angular; Shale, 3%, gray to dark gray
1941	1950	9	Dolomite, 65%, white; Limestone, 33%, tan, gray, VF quartz; Shale, 2%, black
1950	1958	8	Limestone, 83%, tan, gray; Dolomite, 15%, white; Shale, 2%; Quartz, trace, loose grains
1958	1963	5	Limestone, 95%, tan, pelletal; Siltstone, 3%, gray, calcareous, pyrite; Shale, 2%, gray
1963	1969	6	Limestone, 99%, tan, spar, some micrite, stylolite; Siltstone, 1%, pyrite
1969	1986	17	Limestone, 95%, tan, oolitic, some quartz; Siltstone, 2%, gray, calcareous; Shale, 2%, gray, black; Sandstone, 1%, white, VF, angular, pyrite
1986	1992	6	Limestone, 55%, tan, oolitic, some quartz; Shale, 45%, black
1992	1996	4	Limestone, 60%, tan, brown, oosparite, grainstone; Shale, 25%, very black, metallic luster; Sandstone, 10%, very calcareous; Dolomite, 5%, white calcareous ooids Calcite/dolomite/quartz = 75/5/20

Top	Bottom	Thickness	Gilmer 1328
1996	2001	5	Shale, 70%, very black; Sandstone, 25%, white, VF, calcareous; Limestone, 5%, tan, oolitic
2001	2006	5	Limestone, 60%, light gray, oolitic, slightly dolomitic, VF and Medium quartz Calcite/dolomite/quartz = 87/5/8 Shale, 20%, as above; Siltstone, 20%, gray, slightly calcareous
2006	2011	5	Limestone, 45%, tan to light gray, as above; Quartz, 35%, loose; Shale, 15%, as above; Siltstone, 5%, as above
2011	2016	5	Limestone, 80%, tan, oospirite, some VF and Medium quartz; Quartz, 15%, loose
2016	2022	6	Limestone, 45%, tan, oolitic, some quartz; Quartz, 35%, loose; Sandstone, 10%, white, calcareous; Shale, 10%, black, pyrite
2022	2027	5	Dolomite, 78%, white, finely crystalline, calcareous; Sandstone, 15%, white, VF, angular, some loose quartz; Limestone, 5%, tan, quartzose, some silt; Shale, 2%, black
2027	2035	8	No samples
2035	2042	7	Dolomite, 55%, white, some calcareous bodies, some Fine quartz; Limestone, 45%, tan, pseudoolitic Calcite/dolomite/quartz = 44/54/2 Shale, trace, black
2042	2047	5	Limestone, 85%, tan, grainstone, slightly quartzose; Dolomite, 15%, white, calcareous allochems, slightly quartzose Calcite/dolomite/quartz = 85/14/1
2047	2061	14	Limestone, 80%, tan, some ooids, grainstone, slightly dolomitic, some VF and rounded Coarse quartz, some chips have as much as 50% quartz; Quartz, 15%, loose, Coarse, rounded; Dolomite, 5%, white, slightly calcareous Calcite/dolomite/quartz = 65/15/20

Top Bottom Thickness

Gilmer 1328

2061 2067 6 Limestone, 82%, tan, some ooids, much  
VF and rounded Coarse quartz; Quartz,  
15%, loose grains, VF and rounded Coarse;  
Dolomite, 3%, white, pyrite  
Calcite/dolomite/quartz = 62/3/35

POCONO GROUP, 15+ feet

2067 2076 9 Siltstone, 85%, gray; Limestone, 7%,  
tan, quartzose; Shale, 5% gray;  
Sandstone, 3%, white, VF, angular

2076 2082 6 Siltstone, 80%, as above; Shale, 15%,  
as above; Sandstone, 5%, as above