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| Farm | G. Townsend No. 1 |
| Company | Glenn Haught & Sons, Smithville, W.Va. |
| Permit | Braxton 895 |
| District | Otter, Braxton Co., West Virginia |
| Quadrangle | Glenville SE |
| Location | 1.1 mi W of 80° 45'; 1.0 mi S of 38° 50' Big Bull Run |
| Elevation | 876.1 feet |
| Commence drilling | 1/20/70, Complete drilling 2/20/70 |
| Well type | Gas, Volume: 1300 MCFGPD, 580# 12 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, 77+ feet |
| 1738 | 1752 | 14 | Shale, 75%, red and gray; Siltstone, 20%, gray, calcareous; Sandstone, 5%, white, Medium grained |
| 1752 | 1763 | 11 | Shale, 92%, red and gray; Limestone, 7%, gray, biomicrite, brachiopod and bryozoan fragments (?), very silty, pyrite; Sandstone, 1%, white, calcareous, Medium |
| 1763 | 1768 | 5 | Shale, 84%, gray and red, pyrite; Limestone, 15%, gray, biomicrite, crinoids, pellets, very silty, pyrite; Sandstone, 1%, white, calcareous |
| 1768 | 1773 | 5 | Limestone, 75%, gray, fossiliferous, silty; Shale, 24%, gray; Sandstone, 1%, white, calcareous |
| 1773 | 1789 | 16 | Shale, 80%, gray, fossiliferous, pyrite, calcareous; Limestone, 20%, gray, biopelmicrite, silty, pyrite |
| 1789 | 1791 | 2 | Sandstone, 55%, white, VF, calcareous, some fossils; Shale, 42%, gray, pyrite; Limestone, 3%, gray, fossiliferous, brachiopods |
| 1791 | 1800 | 9 | Sandstone, 55%, white, VF, calcareous; Shale, 45%, gray, pyrite, some bryozoan fragments |
| 1800 | 1806 | 6 | Shale, 97%, light and dark gray, red; Sandstone, 3%, as above |

| Top | Bottom | Thickness | |
|---|---|---|---|
| 1806 | 1815 | 9 | Shale, 92%, gray, pyrite; Sandstone, 5%, white, VF, calcareous; Limestone, 3%, tan, gray |
| | | | GREENBRIER LIMESTONE, 198 feet |
| 1815 | 1821 | 6 | Shale, 74%, gray, pyrite; Limestone, 25%, gray, oomicrite, bryozoa, argillaceous; Sandstone, 1%, white, calcareous, pyrite |
| 1821 | 1826 | 5 | Shale, 50%, gray, pyrite; Limestone, 50%, tan to gray, oomicrite, slightly fossiliferous, slightly dolomitic, pyrite |
| 1826 | 1830 | 4 | Limestone, 60%, tan, oosparite, dolomitic, slightly fossiliferous; Shale, 30%, gray, pyrite; Dolomite, 10%, white, calcareous |
| 1830 | 1843 | 13 | Shale, 85, gray, pyrite; Limestone, 15%, tan, silty, fossil fragments |
| 1843 | 1847 | 4 | Limestone, 50%, gray, fossils, brachiopods, silty; Shale, 47%, gray, pyrite; Siltstone, 3%, gray, pyrite |
| 1847 | 1854 | 7 | Limestone, 80%, gray, as above; Shale, 20%, gray, pyrite |
| 1854 | 1979 | 125 | Samples not examined |
| 1979 | 1985 | 6 | Limestone, 85%, tan, oosparite, dolomitic, VF and Medium quartz; Dolomite, 15%, white, calcareous, VF and Medium quartz Calcite/dolomite/quartz = 82/15/3 |
| 1985 | 1990 | 5 | Limestone, 100%, tan, calcareous ooids, dolomitic matrix, VF and Medium quartz Calcite/dolomite/quartz = 60/33/7 |
| 1990 | 1996 | 6 | Limestone, 100%, tan, white, as above Calcite/dolomite/quartz = 65/28/7 |
| 1996 | 2000 | 4 | Limestone,100%, tan, some dolomite, much VF quartz (poor sample) Calcite/dolomite/quartz = 65/10/25 |

| Top | Bottom | Thickness | |
|---|---|---|---|
| 2000 | 2005 | 5 | Limestone, 55%, tan, dolomitic matrix, VF and Medium quartz; Dolomite, 45%, white, calcareous, VF and Medium quartz Calcite/dolomite/quartz = 40/35/25 |
| 2005 | 3013 | 8 | Dolomite, 90%, tan, calcareous pseudooids, VF to Medium quartz; Limestone, 10%, tan, pseudooids, dolomitic, VF to Medium quartz Calcite/dolomite/quartz = 25/50/25 |
| | | | POCONO GROUP, 52+ feet |
| 2013 | 2022 | 9 | Sandstone, 75%, white to gray, VF, slightly calcareous; Sandstone, 15%, white, VF and Medium, 10% dolomitic cement; Siltstone, 10%, medium gray |
| 2022 | 2037 | 15 | Sandstone, 75%, white, many coarse grains, as much as 25% dolomite cement; Sandstone, 25%, white to light gray, no dolomite cement |
| 2037 | 2042 | 5 | Sandstone, 75%, white, VF to Coarse grains, as much as 25 % dolomite cement; Sandstone, 25%, white, VF, no dolomite |
| 2042 | 2047 | 5 | Sandstone, 99%, white, VF, no dolomite; Sandstone, 1%, VF to Coarse, dolomite |
| 2047 | 2055 | 8 | Sandstone, 100%, white, VF |
| 2055 | 2065 | 10 | Sandstone, 100%, white, VF |