

MAY 12 1954  
C

J. H. SHUMAN No. 1 WELL.

Glenville District, Gilmer County, W. Va.  
By George W. Miller, Tanner, W. Va.  
Located 3.98 Mi. W. of 80° 40' Longitude and 1.9 Mi. S. of 39° 00' Latitude.  
Burnsville Quadrangle - NW.  
Elevation 1060'.  
Permit Gilmer - 983.  
Drilling commenced 1-17-54; completed 2-15-54.  
Sand Fractured.  
Gas well; Volume 30,000 cu. ft.  
Rock Pressure 500 lbs.  
Casing, 10", 100'; 8-1/4", 600'; 6-5/8", 1833; 2", 1899'.  
Section based on samples from 1708 to 1937; examined by Russell R. Flowers.

Top Bottom Thickness

MAUCH CHUNK SERIES 48<sup>+</sup> Feet.

Top	Bottom	Thickness	Description
1708	1715	7	Clay-shale, grayish brown and medium gray to greenish gray
1715	1725	10	Shale, medium to dark gray
1725	1746	21	Limestone to shale, brownish black to grayish black, highly fossiliferous in the lower part (Little Lime)
1746	1750	4	Shale, dark gray, calcareous, silty with some fine sand, fossiliferous (Pencil Cave?)
GREENBRIER LIMESTONE, 184 <sup>+</sup> Feet			
1750	1753	3	Limestone, pale yellowish brown to light olive gray, sandy (very fine)
1753	1760	7	Sandstone, very light to light gray, some medium gray, very fine grained, calcareous
1760	1773	13	Limestone, light olive to olive gray; shale medium light to medium dark gray and greenish gray, soft
1773	1780	7	Limestone, dark yellowish brown, to brownish black, argillaceous in part, oolitic in lower part
1780	1785	5	Limestone, brownish gray, to dark yellowish brown, oolitic
1785	1795	10	Dolomite, pale yellowish brown to light olive gray, calcareous
1795	1811	16	Limestone, pale to dark yellowish brown, dolomitic
1811	1817	6	Limestone, olive gray to dark yellowish brown, dolomitic at the top, silty in the lower part
1817	1837	20	Limestone oolites, pale yellowish brown to light olive gray, sandy (very fine to fine grained) in the upper and middle part
1837	1843	6	Limestone, pale yellowish brown, some light olive gray to greenish gray (shaly in part)
1843	1860	17	Sandstone to limestone, pale yellowish brown, very fine to fine grained, some medium (rounded) grains, somewhat dolomitic

1860	1879	19	Limestone, light olive gray to olive gray, sandy (very fine) in part, argillaceous
1879	1883	4	Limestone, olive gray, <del>silty</del> to medium dark gray and dark greenish gray, calcareous <sup>argillaceous</sup> siltstone; some fine <del>stone</del> coarse, rounded sand
1883	1895	12	Limestone, light olive gray; small amount of olive gray to dark greenish gray, argillaceous limestone
1895	1905	10	Limestone, pale yellowish brown, oolitic, somewhat sandy, (very fine to fine grained)
1905	1910	5	Limestone, pale yellowish brown, sandy (fine to coarse grained, rounded)
1910	1934	24	Sandstone to dolomite, very pale orange, fine to medium grained, some coarse and some fine grains, rounded; some dark brownish gray very sandy limestone