

SEP 28 1954

DENEY L. REED No. 1 WELL.

Union District, Ritchie County, W. Va.

By Philip Lemon, Cairo, W. Va.

Located 4.95 Mi. S. of 39° 15' and 1.32 Mi. W. of 81° 00' Long.

Harrisville Quadrangle - NE.

Permit Rit-1487.

ELEVATION 812' L

Drilling commenced May 6, 1954; completed May 28, 1954.

Shot from 1900' to 1920'.

Dry Hole.

Casing 10", 16'; 8-1/4", 602'; 6-5/8" 1283'.

Section based on samples from 1779 to 1981; examined by Russell R. Flowers.

Top Bottom Thickness

POTTSVILLE FORMATION, 25, plus, FEET.

1779	1804	25	Shale to siltstone, dark gray, micaceous, kaolinitic, contains carbon specks, a very small amount is dark to dusky yellowish brown (sideritic); small amount of olive gray to medium gray, sideritic fireclay (cave?)
------	------	----	---

MAUGH CHUCK FORMATION, 25, plus, FEET.

1804	1813	9	Limestone, brownish black with medium gray spots, highly argillaceous, fossiliferous (some orinoid fragments) --- Little lime 1804 to 1820
------	------	---	--

1813	1820	7	Limestone to shale, brownish black to dark gray, highly fossiliferous, orinoidal; some dark gray shale <i>shale</i> in the lower part
------	------	---	--

GREENBRIER LIMESTONE, 118 FEET.

1820	1826	6	Limestone, light olive gray, to dark yellowish brown, silty in the middle part, sandy (very fine grained) in the lower part with a large amount of dark greenish gray, soft <i>soft shale</i>
------	------	---	--

1826	1828	2	Sandstone, very light gray, some light greenish gray, very fine grained, calcareous, some medium dark gray to dark greenish gray shale; some light olive gray limestone
------	------	---	---

1828	1831	3	Limestone, light olive gray to olive gray, dolomitic, very sandy (very fine) and silty in the upper part, sandy and very silty in the lower part, somewhat cherty
------	------	---	---

1831	1834	3	Limestone, olive gray to dark gray, highly dolomitic very silty, highly argillaceous, fossiliferous
------	------	---	---

1834	1841	7	Limestone, olive gray and brownish gray to brownish black, argillaceous, calcareous <i>calcareous</i> in part
------	------	---	--

1841	1846	5	Limestone-oolite, dark yellowish brown in the upper part, pale to dark yellowish brown in the lower part, somewhat fossiliferous (some forams <i>forams</i>)
------	------	---	--

1846	1855	9	Limestone, pale yellowish brown and pale to dark yellowish brown in the lower part, highly oolitic in the upper part; contains some forams
------	------	---	--

1855	1876	21	Limestone, dark yellowish brown to brownish gray, somewhat argillaceous and fossiliferous (forams) at the top
------	------	----	---

1876	1885	9	Limestone, dark yellowish brown to brownish black, small amount is argillaceous, contains some forams
------	------	---	---

1885	1891	6	Limestone, brownish black, some dusky yellowish brown to brownish black, argillaceous
------	------	---	---

1891	1894	3	Limestone to shale, brownish black to grayish black, slightly fossiliferous (some crinoid fragments)
1894	1898	4	Limestone, light olive gray to brownish gray, very sandy, very fine to fine grained (rounded) oolitic
1898	1902	4	Limestone, pale yellowish brown, very sandy, very fine grained to fine grained (rounded), dolomitic
1902	1907	5	Limestone-oolites, dark yellowish brown to brownish black; large amount of olive gray to medium dark gray, very sandy (very fine), calcareous dolomite in the upper part
1907	1917	10	Limestone-oolites, yellowish gray to light olive gray, fine to medium grained, somewhat sandy in the upper part (fine to medium grained, rounded) finely oolitic and very sandy (very fine to fine grained in the lower part)
1917	1923	6	Limestone (very sandy) to sandstone (highly calcareous), yellowish gray to light olive gray, very fine grained, <i>some fine grains</i> , some medium to very coarse (rounded) grains at the top, many medium to coarse (rounded) grains at the bottom
1923	1938	15	Dolomite, yellowish gray, very silty (coarse), sandy (fine to medium grained, some coarse grains, well rounded)
POCONO FORMATION, 43, plus, FEET.			
1938	1956	18	Sandstone, very light gray, very fine grained, some fine grains in the upper part, subangular to angular (secondary crystal facets), quartzose
1956	1962	6	Sandstone, ^{very} light gray to light greenish gray, very fine grained, silty, contains some mica, kaolinite and chlorite
1962	1967	5	Sandstone, very light gray, very fine to fine grained, some medium grains, subangular with secondary crystal facets, quartzose
1967	1974	7	Sandstone, very light to light gray, ^{very} fine grained
1974	1981	7	Sandstone, very light gray to light greenish gray, very fine grained, some fine to coarse grains; some very fine grains, sideritic, greenish gray sandstone; a large amount of dark gray shale at the bottom
1981			TOTAL DEPTH