

JUN 28 1954

JOHN BUCK No. 1 WELL.



Jesse E. Spencer (Owner), Denver, Colo. - C. E. Decker, Agent,
215 4th St., Parkersburg, W. Va.

Lincoln District, Tyler County, W. Va.
New Martinsville Quadrangle - 36.

Elevation - 842'

Located .77 Mi. S. of 89° 35' and 4.47 Mi. W. of 80° 50' Longitude.

Permit - Tyl - 228

Drilling commenced -

Top Bottom Thickness

POTTSVILLE SERIES, 24 Plus FEET.

1667 1678 11 Sandstone, very light to light gray, very fine to fine grained, some moderate grains, contains some mica and chlorite, some medium dark to dark gray fireclay with a little siderite

1678 1691 13 Shale, grayish black, silty (some at top to large amount at bottom) a large amount of dusky yellowish brown siderite at the top; some olive gray to dark gray fireclay

MAUGH CHUNK, 48 Feet.

1691 1698 7 Siderite, dusky yellowish brown to ^{brownish} black; some light to medium gray, soft shale; a moderate amount of dark gray to grayish black, silty shale

1698 1705 6 Shale, dark gray, soft, some light gray (very soft); some dark gray limestone; some dusky brown siderite

1705 1705 8 Shale, greenish gray to dark gray some light gray; some dark gray, shaly limestone

1705 1735 30 Sample missing.

1735 1739 4 This sample may be mostlyavings. DLM 1739
SLM 1725 - Cgr., 98 Feet.

GREENOIER LIMESTONE - 98 FEET

1725 1725 4 Limestone, light olive gray; some shale, dark gray; some light to medium gray and greenish gray siltstone to sandstone (very fine), highly calcareous; small amount of dark greenish gray shale; some siderite (avings)?

1729 1742 13 Limestone, pale to dark yellowish brown to light olive gray, dolomitic in the lower part; moderate amount of dark gray and a little greenish gray shale

1742 1748 6 Limestone, pale yellowish brown to light olive gray

1748 1758 10 Limestone, pale to dark yellowish brown

1758 1780 22 Limestone, brownish gray to dark yellowish brown; some dark gray to brownish black shale and calcareous shale in the middle and lower part

1780 1783 3 Dolomite, olive gray to dark yellowish brown; ~~some dark gray to brownish black shale and calcareous shale in the middle and lower part~~; very sandy, fine grained; some medium grains (rounded)

1783 1786 3 Dolomite, pale yellowish brown to light olive gray; extremely finely crystalline; somewhat sandy at the top, calcareous

1786	1795	9	Dolomite, light brownish gray to brownish gray, very highly calcareous, somewhat sandy (very fine)
1795	1800	5	Sandstone, light gray to light brownish gray, very fine to fine grained, some medium grains, calcareous, highly dolomitic, subrounded to rounded
1800	1805	5	Sandstone, light gray, very fine grained, some fine to medium grains, rounded, dolomitic, somewhat calcareous
1805	1814	9	Sandstone, very light to light gray, very fine grained, some fine to medium grains, rounded, highly calcareous at the top, moderately calcareous in the middle and lower part
<u>POCONO FORMATION 37 (plus) FEET</u>			
1814	1823	9	Sandstone, very light gray, very fine grained with much coarse streaks, some fine (rounded) grains, somewhat calcareous, dolomitic at the bottom
1823	1829	6	Sandstone, very light gray, pale yellowish brown in the lower part, fine to medium grained, some coarse grains with st matrix, somewhat dolomitic at top to highly dolomitic at the bottom, grains angular
1829	1850	21	Sandstone, very light gray, fine to medium grained, some coarse grains, subangular to angular, some secondary crystal facets
	1872		
1850	1890	22	Siltstone (medium dark gray) to shale (dark gray), some siderite spherulites at the top
1872	1886	14	Sandstone, very light to light gray, fine grained, some medium grains, subangular, contains some detrital shale grains; large amount of dark gray silty shale at the bottom
1886	1891	5	Sandstone, very light gray, fine grained, some medium grains, subangular, contains some detrital shale grains
1891	1897	6	Sandstone, white to very light gray, conglomeratic, medium to very coarse grained with a few granules, rounded, with some fine to very fine to fine grained matrix, quartzose