



New Location
 Drill Deeper
 Abandonment

Company Jesse E. SPENCER
 Address DENVER COLORADO
 Farm JOHN BUCK
 Tract _____ Acres 165 Lease No. _____
 Well (Farm) No. ONE Serial No. _____
 Elevation (Spirit Level) 842'
 Quadrangle NEW MARTINSVILLE - SC
 County TYLER District LINCOLN
 Engineer GEORGE L. MCINTIRE
 Engineer's Registration No. 1187
 File No. _____ Drawing No. _____
 Date DEC. 23, 1953 Scale 1" = 800'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. JYL-228 ✓

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

6-0 29 ✓

JOHN BUCK NO. 1 WELL.

Lincoln District, Tyler County, W. Va.

By Jesse E. Spencer (Owner), Denver, Colo.; C. E. Decker, Agent, 215 Fourth St., Parkersburg, W. Va.

Drilled under permit Tyl-228.

Located 0.77 mi. S. of 39° 35' and 4.47 mi. W. of 80° 50'.

Completed.....*6.7.54*, 1954.

Sample record from Flowers June 28, 1954.

EL 842

Top. Bottom. Thickness.

POTTSVILLE SERIES, 24+ 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 fire clay 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 fire clay
		MAUCH 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 - 1703	5	Shale, dark-gray, soft, some light gray (very soft); some dark-gray limestone; some dusky-brown siderite
1703 - 1705	2	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 mostly cavings. DLM 1739 = 1725' SIM
		GREENIER LIMESTONE, 98 FEET
1725 - 1729	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 (cavings?)
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; 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
		POCONO FORMATION, 37+ FEET
1814 - 1823	9	Sandstone, very light gray, very fine grained, with much coarse streaks, some fine (rounded) grains, somewhat calcareous, dolomitic at the bottom

(OVER)

JOHN BUCK NO. 1 WELL (Continued).

Top.	Bottom.	Thickness.	
1823	- 1829	6	Sandstone, very light gray, pale yellowish brown in the lower part, fine- to medium-grained, some coarse grains with silt 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
1850	- 1872	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