

W. R. Bigelow No. 2 Well

Lubeck District, Wood County, W. Va.

By South Penn Natural Gas Company, Parkersburg, W. Va.

Located 1.69 mi. S. of 39°15' and 0.74 mi. W. of 81°40' - NW - ^SBalleville

Quadrangle.

Elevation, 607.85' L.

Permit Woo-118

Drilling commenced April 1, 1942; completed May 20, 1942.

Shot May 22, 1942, depth 1831-1846'.

Dry hole; show of oil and gas in Berea.

Section based on samples from 1300 to 2061', examined by J.H.C. Martens.

Apparently the Greenbrier Limestone is absent from the section; possibly the clay at 1354' is residual from the Greenbrier.

Top Bottom Thickness

Pennsylvanian and Lower Mississippian, 534+ feet

Top	Bottom	Thickness	Description
1300	1305	5	Siltstone, gray, shaly
1305	1342	37	Shale, dark-gray, silty
1342	1354	12	Sandstone, white, fine, nearly all quartz, crystal faces on many grains
1354	1375	21	Clay, light-gray, soft, 60%; white, coarse sandstone, 40%; probably most of the clay is cavings
1375	1405	30	Sandstone, white, medium-to coarse-grained; some gray clay cavings
1405	1440	35	Sandstone, white, coarse to very coarse
1440	1514	74	Sandstone, white, medium- to coarse-grained, nearly all quartz
1514	1520	6	Sandstone, light-brown, very fine
1520	1530	10	Siltstone, light-gray, 70%; dark-gray shale, 30%
1530	1534	4	Sandstone, very light-gray, very fine
1534	1545	11	Siltstone, light-gray, sandy, 70%; gray shale, 30%
1545	1550	5	Shale, dark-gray, silty, 60%; light-gray, siltstone, 40%
1550	1574	24	Siltstone, very light gray to brownish, coarse and sandy
1574	1576	2	Sandstone very light gray, very fine
1576	1635	59	Siltstone, very light gray, sandy; small amounts of shale in several samples

Top Bottom Thickness

1655	1656	20	Siltstone and shale, gray (only one sample)
1655	1659	4	Shale, gray, silty
1659	1712	53	Siltstone and shale, gray
1712	1723	11	Siltstone, light-gray, sandy
1723	1815	92	Siltstone and shale, gray
1815	1830	15	Shale, very dark gray to black (Sumbury Shale)
1830	1834	4	Sandstone, light-gray, fine (Berea Sandstone; oil, 1832-1834')

Devonian Shales, 227+ feet

1834	1875	41	Siltstone, light-gray, with a little shale
1875	1886	11	Shale and siltstone, gray
1886	1892	6	Siltstone, gray
1892	1948	56	Siltstone, and silty shale, gray; slight traces of red in some samples
1948	1969	21	Shale, gray, very silty, 90%; grayish-red shale, 10%
1969	1986	17	Shale, gray, very silty
1986	1993	7	Siltstone, gray
1993	2061	68	Shale, gray, very silty
	2061		Total depth