

KAN-947

Elk District, Kanawha County, W. Va.

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

Located 4.14 mi. N. of 81°30' and 4.87 mi. S. of 38°30' - NC - Clendenin
 Quadrangle.

Elevation 916.77'

Permit Kan-947

Drilling commenced Aug. 4, 1942; completed Oct. 22, 1942.

Gas well; 337,000 cu. ft.; rock pressure 94 lbs. in 48 hours. Most of
 gas at 1942-1951'.

Section based on samples from 1540 to 1838', examined by J.H.C. Martens.

Top Bottom Thickness

Greenbrier Limestone, 165 feet

1540			Top "Big Lime" in driller's record.
1540	1592	52	Limestone, light-brown
1592	1595	3	No sample
1595	1603	8	Limestone, nearly white, with a few oolites
1603	1616	13	Limestone, nearly white, 90%; soft gray shale, 10%
1616	1628	9	Limestone, light-brown to nearly white, slightly sandy
1628	1645	17	Limestone, nearly white, partly oolitic
1645	1669	24	Limestone, light-brown, oolitic, somewhat sandy
1669	1690	21	Limestone, light grayish yellow to nearly white; contains a little sand and some rather indistinct oolites
1690	1705	15	Limestone, very light brown, dolomitic and sandy

Pocahontas Formation, 246+ feet

1705	1712	7	Sandstone, light-green, very fine, 50%; gray shale and siltstone, 50%; also some limestone not included in estimate
1712	1725	13	Siltstone and silty shale, gray; also some greenish siltstone
1725	1732	7	No sample
1732	1740	8	Siltstone and silty shale, green and gray, 60%; grayish-red shale and siltstone, 40%
1740	1748	8	No sample

Top	Bottom	Thickness	
1748	1771	23	Sandstone, light-gray, very fine, slightly dolomitic, 70 to 80%; gray silty shale, 30 to 20%
1771	1782	11	Siltstone, grayish-green (also some red, perhaps due to too much heat in drying?)
1782	1808	26	Sandstone, light-gray to nearly white, very fine; also small amounts of gray shale
1808	1812	4	No sample
1812	1816	4	Sandstone, white, fine
1816	1834	18	Sandstone, nearly white, very fine, 80%; gray shale, 20%
1834	1838	4	Sandstone, white, fine
	1951		Total depth