

Barr Trust No. 20 Well

Grant District, Wetzel County, W. Va.

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

Located 1.8 mi. S. of 39° 35' and 3.0 mi. W. of 80° 30' -SE- Littleton
Quadrangle.

Elevation, 895.61' L.

Permit Wet-307.

Completed June, 1944; oil well in Big Injun Sand.

Section based on samples from 1434 to 2037' examined by J. H.C. Martens.

Pennsylvanian, 276+ feet

Top.	Bottom.	Thick- ness.	
1434	1457	23	Sandstone, nearly white, medium-grained
1457	1482	25	Sandstone, white, coarse to very coarse
1482	1495	13	Coal and black shale, 50%; gray siltstone, 50%
1495	1505	10	Shale, black, silty
1505	1512	7	Shale, dark-gray, 50%; light-gray shale and siltstone, 40%; siderite concretions, 10%
1512	1588	76	Sandstone, white, medium-to coarse-grained
1588	1595	7	Siltstone, gray
1595	1664	69	Sandstone, white to light-brown, medium-grained
1664	1670	6	Shale, dark-gray, silty
1670	1678	8	Shale, very dark gray
1678	1688	10	Shale, dark-gray, silty
1688	1698	10	No sample
1698	1710	12	Shale, dark-gray, silty
<u>Mauch Chunk Group, 125 feet</u>			
1710	1720	10	Shale, red and grayish-green, calcareous
1720	1727	7	Shale, red
1727	1750	23	Siltstone, light-green, calcareous
1750	1793	43	Shale, red, calcareous
1793	1812	19	Shale, gray, soft, fossiliferous
1812	1820	8	Limestone, brown, 50%; red and gray shale, 50%
1820	1838	18	Shale, gray and green, soft, thinly laminated, fossiliferous

Greenbrier Limestone, 128 feet

Top.	Bottom.	Thick- ness.	
1838	1851	13	Limestone, light-brown; large amount of shale cavings
1851	1921	70	Limestone, light-brown to brown
1921	1926	5	Limestone, light-brown, partly sandy and oolitic; a few pieces of green sandy shale
1926	1934	8	Limestone, light-brown, oolitic, moderately sandy
1934	1942	8	Limestone, nearly white, very sandy, oolitic
1942	1946	4	Sandstone, nearly white, fine, calcareous
1946	1961	15	Sandstone, nearly white, medium-grained, calcareous and dolomitic
1961	1966	5	Sandstone, nearly white, medium-grained, dolomitic

Pocono Formation, 71+ feet

1966	2004	38	Sandstone, white, fine- to medium-grained; some gray to greenish shaly siltstone throughout
2004	2034	30	Sandstone, nearly white, medium-grained (oil at 2012-2019')
2034	2037	3	Sandstone, white, medium-grained, 80%; gray silty shale, 40%
	2037		Total depth