

John P. Thomas et al No. 6127 Well

Clay District, Ritchie County, W. Va.

By Pittsburgh and West Virginia Gas Company, Pittsburgh, Pa.

Located 4.58 mi. S. of 39°20' and 3.48 mi. W. of 80°55' - SW - West Union  
Quadrangle.

Elevation, 919' <sup>N</sup>anemoid

Permit - Rit - 945

Drilling commenced June 29, 1942; completed, Aug. 4, 1942.

Shot July 31, 1942; depth 1951-1972'

Gas well, volume, 227,000 cu. ft.

Rock pressure 555 lbs. in 69 hrs.

Fresh water at 60', 2 blrs. per hr.; at 78', 6 blrs. per hr.

10" casing, 297'; 8 1/2", 996'; 6 5/8", 1802'; 3" tubing, 1987'.

Section based on samples from 1210 to 1987', examined by C. H. Apocouri.

Allegheny (lower part) and Pottsville, 544 feet

Top	Bottom	Thickness	
1210	1228	18	Limestone, gray to brown, shaly
1228	1234	6	Shale and siltstone, greenish-gray
1234	1245	11	Shale, gray
1245	1260	15	Sandstone, white, very fine, with mica, chlorite, siderite and pyrite
1260	1280	20	Shale, and siltstone, gray
1280	1293	13	Siltstone, light-gray, sandy, with siderite spherulites
1293	1339	46	Sandstone, white, fine with mica, chlorite, and siderite
1339	1346	7	Sandstone, white, medium-grained
1346	1368	22	Siltstone and shale, gray
1368	1381	13	Sandstone, white, fine
1381	1395	14	Shale, dark-gray
1395	1480	85	Sandstone, white, angular, very fine
1480	1492	12	Siltstone, light-gray
1492	1500	8	Shale, gray
1500	1513	13	Sandstone, white, very fine
1513	1534	21	Sandstone, white, very fine, 50%; dark-gray shale, 50%
1534	1562	28	Sandstone, white, very fine, micaceous
1562	1584	22	Shale, dark-gray to very dark gray

Top	Bottom	Thickness	
1686	1691	107	Sandstone, white, fine to medium-grained
1691	1696	7	Siltstone, light-gray, sandy
1696	1721	25	Shale, gray
1721	1728	<del>52</del>	Shale, gray, 50%; gray limestone, 50%
1728	1744	16	Siltstone, light-brown, sandy, 50%; gray shale and coal, 50%
1744	1751	7	Shale, very dark gray
1751	1754	3	Shale, light-gray, very thinly laminated (resembles "Pencil Cave" and may belong with Greenbrier or Mauch Chunk)
<u>Greenbrier Limestone, 112 feet</u>			
1754	1782	28	Limestone, brown
1782	1792	10	Limestone, nearly white, 70%; soft gray to green shale, 30%
1792	1802	10	Limestone, nearly white, fossiliferous
1802	1812	10	Limestone, nearly white, slightly colitic
1812	1847	35	Limestone, brown to light-brown
1847	1856	9	Limestone, white, partly colitic, somewhat sandy
1856	1866	10	Limestone, light-brown, colitic, sandy
<u>Pocahontas Formation, 111+ feet</u>			
1866	1903	37	Sandstone, white, fine to medium-grained (Big Injun Sand)
1903	1920	17	Sandstone, white, fine, 50%; green siltstone, 50%
1920	1928	8	Sandstone, white, very fine
1928	1941	13	Shale, green, with siderite spherulites
1941	1946	5	Siltstone, green sandy
1946	1967	41	Sandstone, white, very fine
	1967		Total depth