

Franklin Maxwell Heirs No. 2 (1588) Well

Center District, Gilmer County, W. Va.

By Carnegie Natural Gas Company, Pittsburgh, Pa.

Located 3.9 mi. W. of 80°50' and 0.1 mi. S. of 38°55' -C- Glenville Quadrangle; 2 mi. S.E. of Hermantown and 1.2 mi. E. of Orton.

Elevation, 877' L.

Permit, 611-475.

Drilling commenced Jan. 31, 1941; completed Feb. 21, 1941.

Shot at 1712-1732' (Greenbrier Limestone)

Gas well; volume 783,000 cu. ft.; rock pressure 390 lbs. in 3 hrs.

10" casing 189'; 8 1/4", 981'; 6-5/8", 1618'.

Samples examined from 1180 to 1753'.

Top	Bottom	Thickness	
<u>Pottsville Formation, 318+ feet</u>			
1180	1200	20	Siltstone, dark-gray, shaly, micaceous; small amount of black shale and coal
1200	1248	48	Sandstone, gray, very fine, mostly shaly
1248	1264	16	Siltstone, gray, shaly
1264	1268	4	No sample
1268	1280	12	Sandstone, gray, very fine, shaly
1280	1290	10	Shale, very dark gray
1290	1309	19	Sandstone, light-gray, very fine
1309	1339	30	Siltstone, black, shaly
1339	1388	19	Shale, very dark gray, 70%; gray siltstone and very fine sandstone, 30%
1388	1375	17	Siltstone, gray, sandy
1375	1407	32	Sandstone, white, medium-grained (show of gas, 1394')
1407	1419	12	Sandstone, white to gray, fine, 50%; gray shale and siltstone, 40%; black shale and impure coal, 10%
1419	1429	10	Siltstone, gray, shaly, micaceous
1429	1462	33	Sandstone, light-gray, fine, 70%; gray siltstone and shale, 30%
1462	1475	13	Sandstone, nearly white, medium-grained
1475	1485	10	Shale, black; small amount of coal
1485	1492	7	Sandstone, nearly white, fine

Top Bottom Thickness

1492	1498	6	Sandstone, white, medium-grained
<u>Mauch Chunk Group, 79 feet</u>			
1498	1502	4	Shale, gray and green, soft, 60%; dolomite, light-brown, very fine textured, 40%
1502	1520	18	Shale, gray, silty, 80%; green soft shale, 20%
1520	1537	17	Siltstone, gray, shaly, micaceous
1537	1550	13	Limestone, dark-brown
1550	1558	8	Limestone, brown, partly sandy
1558	1563	5	Limestone, very light brown, partly oolitic
1563	1577	14	Shale, gray, soft, distinctly laminated
<u>Greenbrier Limestone, 156 feet</u>			
1577	1590	13	Limestone, brown, oolitic
1590	1619	29	Limestone, light-brown
1619	1637	18	Limestone, brown
1637	1643	6	Sandstone, brown, fine, calcareous; many of grains are well rounded
1643	1648	5	Limestone, light-brown
1648	1651	3	Limestone, light-brown; a few oolites and a little sand
1651	1657	6	Limestone, light-brown, partly oolitic
1657	1679	22	Limestone, very light-brown, sandy and oolitic
1679	1684	5	Limestone, nearly white, very fine textured
1684	1698	14	Limestone, nearly white, very fine textured, slightly dolomitic
1698	1703	5	Limestone, very light brown, slightly dolomitic; contains some sand and a few oolites
1703	1712	9	Limestone, very light-brown, sandy and oolitic; sand grains are rounded and frosted
1712	1733	21	Limestone, nearly white, highly dolomitic, sandy; sand grains are rounded and frosted
<u>Pocono Formation, 20+ feet</u>			
1733	1753	20	Siltstone, grayish-green, with siderite spherulites, 60%; gray shale, 40%
	1753		Total depth