

KAN-208

Campbell Creek Coal Co. No. 10 (859) Well

Malden District, Kanawha County, W. Va.

By Godfrey L. Cabot, Inc., Charleston, W. Va.

4.03 mi. N. of 38°15' and 3.03 mi. E. of 81°36' -SE- Charleston Quadrangle; 1.5 mi. S. E. of Dana and 1.65 mi. N. E. of Malden.

Elevation, 863' L.

Drilling commenced, April 1, 1936; completed, June 14, 1936.

Oriskany gas well; initial open flow, 380,720 cu. ft.; open flow after tubing 744,280 cu. ft.

Rock Pressure, 1100 lbs. in 37 hrs.

Nearly complete samples from 1178 to 4796' examined by J.H.C. Martens. Some of the samples from the Maush Chunk and upper part of the Greenbrier appear to be mixed and the top of the Greenbrier is not regarded as very definitely located.

Record on pp. 184-185 of Deep-Well Records Report of W. Va. Geol. Surv., 1936.

Top Bottom Thickness

Top	Bottom	Thickness	Description
1178	1183	5	Sandstone, white, fine
1183	1200	17	Limestone, gray, dolomitic
1200	1228	28	Limestone, gray to brownish, fairly dark; contains a little chert
1228	1230	2	Limestone, nearly white; small amount of soft gray shale
1230	1241	11	Limestone, very light brown, sandy; contains a few oolites
1241	1256	15	Limestone, brown, fossiliferous, 90%; soft gray shale, 10%

Greenbrier Limestone, 163? feet

1256	1266	10	Limestone, nearly white; small amount of soft gray and green shale
1266	1316	50	Limestone, light-brown to nearly white
1316	1325	9	Limestone, light-brown, very sandy, oolitic; gas at 1325'
1325	1343	18	No sample
1343	1360	17	Limestone, white to very light brown; mostly sandy and oolitic
1360	1382	22	Limestone, light-brown, very sandy and oolitic
1382	1401	19	Limestone, nearly white, dolomitic
1401	1419	18	Limestone, light-yellow, sandy and oolitic

Top	Bottom	Thickness	
<u>Macorady Formation, 51 feet</u>			
1419	1452	33	Sandstone, white to light-green, with some spots of red; mostly fine but contains a few scattered coarse grains
1452	1456	4	No sample
1456	1463	7	Sandstone, red with some green, very fine, 60%; red and gray siltstone and silty shale, 40%
1463	1470	7	Siltstone and shale, red, 80%; gray shale, 20%
<u>Pocono Formation, 386 feet</u>			
1470	1478	8	Siltstone and silty shale, gray, 60%; very fine gray sandstone, 40%
1478	1481	3	No sample
1481	1491	10	Sandstone, white and light-red, fine, 60%; gray silty shale, 40%
1491	1514	23	Shale, gray, very silty, 70%; very fine light-gray sandstone, 30%
1514	1521	7	Sandstone, green, very fine, silty, 50%; red very fine sandstone, grading into siltstone, 30%; gray shale, 20%
1521	1526	5	No sample
1526	1530	4	Sandstone, light-gray, very fine, 60%; gray shale and siltstone, 40%
1530	1547	17	Siltstone and silty shale, gray
1547	1550	3	No sample
1550	1559	9	Sandstone, light-gray, fine, pyritic, 60%; gray shale, 40%
1559	1568	9	Sandstone, as above, 40%; gray shale, 60%
1568	1639	71	Shale, gray, with silty and sandy streaks; mostly contains about 10 to 20% of nearly white fine to very fine sandstone
1639	1762	123	Shale and siltstone, gray
1779	1817	38	Sandstone, light-gray, very fine; contains some darker micaceous streaks; the greater part of this interval is almost a siltstone
1817	1845	28	Shale and siltstone, gray
1845	1855	10	Shale, very dark gray (Sumbury Shale)
1855	1856	1	Sandstone, white, fine (Berea Sandstone; thickness estimated from proportion of sandstone in sample representing 8 foot thickness)

Top Bottom Thickness

Devonian Shales, 2809 feet

1856	1953	97	Siltstone and shale, gray; also some green and brown siltstone
1953	1961	8	Shale, grayish-red, 30%; gray shale and siltstone, 70%
1961	1965	24	Shale and siltstone, gray
1965	1993	8	Sandstone, light-gray, with some green and brown, very fine
1993	2017	24	Shale, grayish-red, silty, 20 to 30%; gray shale and siltstone, 80 to 70%
2017	2185	168	Siltstone and shale, gray
2185	4665	2490	Shales and siltstones, gray to black; there are many gaps in the samples, which were not examined in detail

Hunstersville Chert, 96 feet

4665	4761	96	Chert and cherty limestone
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Oriskany Sandstone, 29 feet

4761	4790	29	Sandstone, nearly white; samples not described in detail ("lime" reported at 4775-4782'; gas at 4764 and 4767')
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Helderberg Group, 6+ feet

4790	4796	6	Limestone
	4798		Total depth