

*Charcoal Kilns*—A battery of 11 kilns on the furnace property at Radnor Forges, capacity 55 cords each.

A battery of 14 kilns at Grandes Piles, capacity 55 cords each. Charcoal also made in pits in the Swedish manner.

*Limestone Quarry*—The Company owns what is perhaps the most important limestone quarry in the Three Rivers district. This lies within 50 yards of the furnace.

*Railways*—A railway line from Piles Branch, C. P. Ry., to the furnace. This together with switches is three miles in extent, all the property of the Company.

*Car Wheel Shop*—Located at Three Rivers.

*Furnace*—Iron shell, height 40 ft., bosh 9 ft. diameter. Crucible and bosh from mantle down is encased and protected with a Russel Wheel & Foundry Co. water jacket. The furnace is complete with all modern accessories. Hot blast stove, Drummond pattern. Steam and water power. New Weimer blowing engine, also complete auxiliary plant, blowing engines, steam and force pumps ready for use at any moment should the permanent plant become disabled.

*Capacity*—40 tons per day of high class Charcoal iron, specially adopted for the manufacture of chilled car wheels.

This iron stands an average breaking strain of 63,000 lbs. per square inch, the test being on standard bars 1" x 12.

During 1893 the Company produced 7423 net tons of charcoal pig iron. They made all their own raw material, not alone for the production of the quantity of iron named, but also for sufficient stock to provide for a largely increased output during the present year, 1894.

The average number of men employed is 650, with about 400 horses.

During the winter months when the Company require to cut all the hard wood necessary for the year's production of charcoal, and when they take delivery of a great deal of the ore made during the summer months, they often find it necessary to employ a staff of upwards of 860 men, with about 550 horses.

Of the large staff of men, at least three-quarters are drawn from the ranks of the farmers and habitants, and the operations are carried on by them over a very large territory.

Politicians will do well to notice that each and every one of the Canadian blast furnaces are located in rural districts, and