

MARITIME MINING RECORD.

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The RECORD is devoted to the Mining—particularly Coal Mining—Industries of the Maritime Provinces.

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"SCOTIA."

The writer occasionally takes a run down to Trenton, in order to see what is going on, and also to sharpen his wits by a banter with the 'boys', who constitute the efficient staff of the Nova Scotia Steel & Coal Co. On a recent visit he ran against Mayor McColl, of New Glasgow, who is Secretary for the company, and Mr. John Fellows the energetic and capable Superintendent, and succeeded in securing an item or two. Among other things it was learned that in June, 1908, there was put into operation a new continuous heating furnace, with a number of novel labor and coal saving devices. This furnace proved to be so much superior to the old kind, that another one was put into operation on the first of December, 1908. There was also installed an entire new equipment for taking the ingots out of the furnace, and conveying them to the mill. These improvements alone made a saving in labor and fuel during the first six months of 1909, of \$27,000. These furnaces have been patented by Mr. Fellows, both in Canada and the United States, and before long we expect to hear of others taking advantage of the improvements that have been made in this line.

When the blooming mill was erected at New Glasgow some twenty-five years ago, ingots weighing 1800 lbs. each were rolled; they later increased to 2300 lb.; later still to 3300 lb. each, and now the company rolls ingots weighing 5200 lbs., or nearly three times the size of the original 1800 lb. ingot.

There have also been new furnaces built for all the finishing mills. These all show a marked improvement in economical working. There are now only four furnaces working, where formerly there were ten, and yet the output to-day is larger than it formerly was.

There is now under construction a new building 50 ft. by 240 ft., and the installation of a new modern mill, suitable for the merchant bar business. The 16" mill is being rebuilt, and being increased in size to 18". When this job is done, a new 16" universal mill will be attached to the same engines. These additions and improvements will place the company in an excellent position to attend to the wants of their customers, the number of whom is daily being added to, and also enable the company to make prompt shipments,

whether the orders be large or small.

There is also in course of erection a new roll turning shop, which will be a steel structure, carrying an overhead electric travelling crane. The walls of the building are being built with best quality red brick.

During the last six months there has been installed bolt and nut machinery, and it is the intention of the Company to push this branch of the business, and to make nuts and bolts of a quality sure to command a big sale.

One visiting the works is at once struck with the orderly bustle and with the prevailing air of prosperity. If he mingles with the staff he feels like congratulating Mr. Cantley, the Gen'l Manager, in having succeeded in gathering around him a most efficient and loyal staff. The organization is complete and that is saying a lot. Mr. Cantley in every case has selected the right man for the right position. The staff is wholly efficient, and between each and all there is the kindest feeling and happiest relation. This is as it should be. The members of the staff at Trenton, where is the head office of the Company, are:

Thomas Cantley, General Manager.

A. McColl, Asst. Gen'l. Man. and Sec'y.

John Fellows, Superintendent.

Jos. Kay, Asst. Supt.

Wm. M. Sedgwick, Transportation Manager.

The Sales Agents are Messrs Lithgow and Irvine, the former in the coal, the latter in the steel department. Mr. Henry Ritchie is Purchasing Agent. These are ably assisted by an efficient staff of typewriters and stenographers, they are a spl— hush, we are at the border land,

A NOVEL COAL MINING MACHINE.

We have it on the highest authority—that of Hansard and the Sydney Post—that there is now in operation in the mines of Cape Breton a machine, which to use a common phrase, fills the bill. The machine is the invention of a former resident of Westville. We cannot speak of the merits of the new invention; we shall have to be content with giving a detail or two. This wonderful new machine was described by Mr. Maddin, familiarly called James William, in a great speech he delivered in Ottawa the other day, on the Eight Hour Day. It was a great speech on a grand subject, at least so we are assured by the Sydney Post, which is at a loss to find language that will, in any sense, adequately convey the grandeur of the speech in its depth, breadth and height. The Post declares of the speech that it was:

"Able and convincing."

"No speech which for thorough intelligence surpasses Maddin's."

"Carefully prepared and instructive."

"Was one of the best on the subject."

After such high praise we expected to find entertainment and instruction in the chunks let fall by the South Sydney orator. We missed these, but what we lost was made up in amusement. Like the Irishman's horse, Mr. Maddin is nothing if not poetical—in a sense. The horse was said to be poetical because he went faster in imagination than reality; and the member for South Cape Breton is certainly at his best when speaking of things imaginary and not real. We all remember how