

## COAL MINING NEWS.

J. R. McDonald has resigned as superintendent of the Hillcrest colliery in the Blairmore-Frank district of Alberta.

Some of the structural steel for the tippie at the C. P. R. Company's coal mine at Hosmer, Crow's Nest Pass, has been received at the mine.

The Walker compound condensing Corliss two-stage air compressing engine, sold to the Crow's Nest Pass Coal Company by Peacock Brothers, of Montreal, Canadian agents for the manufacturers, is being installed at the Coal Creek colliery, near Fernie.

The Crow's Nest Pass Coal Company's engineering department has lately been busy putting in the big new fan at No. 8 mine, Michel. The company's payroll for the month of December aggregated \$199,984 for its three collieries—Coal Creek, Michel and Carbonado.

The Great Northern Railway does not intend to get caught with any coal famine, says a Cranbrook newspaper. It is reported that more than 1,000 cars of coal are standing on the sidings in Kalispell County, Montana, beside several thousand tons stored at Rexford, British Columbia.

Raoul Green, who has been superintendent for the West Canadian Collieries, Limited, at the Lille colliery, near Frank, Alberta, has been appointed assistant to the general manager of the company, with headquarters at Blairmore. Mr. Green recently returned from a trip to the East.

The output of the mine of the International Coal and Coke Company at Coleman, Alberta, during January was 46,200 tons, the shipments for the month amounting to 43,700 tons. The output of this mine is steadily being increased, January showing an advance of 13,500 tons over that of November.

About the end of January, T. J. Smith, who returned to Vancouver from the upper country, reported that the Diamond Vale Company that week shipped four carloads of coal, one to Vancouver, one to Kamloops, one to Revelstoke, and the fourth to Spence's Bridge. The company is hard at work and it is understood that shortly two carloads of coal will be mined every day. The Nicola Valley requirements are large enough in themselves to assure steady custom.

A report from Nanaimo states that owing to the slackness in the coal trade, 20 men were laid off at the Fiddick mine on January 29, but it is expected that this will not be for long, as the management of the mine are anxious to have the coal measure developed as soon as possible. The present output is about 120 tons a day, and this will be increased as soon as facilities are completed for handling the output. A new tippie is being erected which, however, is only a temporary affair, as when the mine is thoroughly opened up a large and up-to-date tippie will be constructed.

From Edmonton, Alberta, comes the news that about the middle of January F. H. Sherman, of Taber, the Alberta president of the United Mine Workers of America, had been spending some time there in connection with the proposed coal legislation to come up at the session of the Alberta Legislature. "There are at the present time," said Mr. Sherman, "about 1,100 miners out of work, as a result of the closing of the Frank, Bellevue and Hillcrest mines and the small mines in the Taber district." "What is the cause of the men being idle?" was asked. "The trouble arises from a dispute between the Canadian Pacific Railway and the operators. The C. P. R. claim they are overstocked and are endeavouring to lower the prices. Rather than do this the operators resolved to close the mines." Mr. Sherman thought the enforced idleness might last a month or six weeks. The coal business is very slack in the south country at the present time, on account of the mild weather that has prevailed almost all through the winter.

## TRADE NOTES AND CATALOGUES.

The Jeffrey Manufacturing Company, of Columbus, Ohio, U. S. A., has published a booklet containing numerous illustrations of the firm's "Century Rubber Belt Conveyor," and other belt conveying machinery. The illustrations show the application of rubber belt conveyors in handling materials of various kinds—ore, tailings, crushed rock, coal, sawmill refuse, bulk grain, pulp mill chips, etc., also in use as an ore-picking table, in conveying mail sacks, barrels, and many other practical ways. To those on the lookout for labour-saving appliances this booklet should prove of particular interest and value.

Mussens Limited, of Montreal, Quebec, has sent out a folder showing a few standard styles and sizes of "Anvil Brand Wire Rope Blocks and Sheaves"; an illustrated catalogue, No. 1050, of the Atlas Car and Manufacturing Company, of Cleveland, Ohio, giving information relative to all classes of cars for industrial railway use, turntables, switches, skips and dumping buckets, floor trucks, etc.; an illustrated catalogue of a variety of steel castings manufactured by F. H. Lloyd & Co., Limited, England; and the firm's own catalogue, No. 16, illustrating and describing in detail the "Pulsometer Steam Pump." A very useful calendar for 1908, with large date figures, has also been issued by this firm, from whom any of these publications may be obtained on application.

The Westinghouse Companies' Publishing Department has published the following brief description of an "Electric Pumping Installation in the Anaconda Copper Mines": An interesting electric pumping installation is being made by the Anaconda Copper Company in its mines at Anaconda, Montana, U. S. A. The pump is a 6x12 Aldrich vertical quintuplex type made by the Allentown Rolling Mills, Allentown, Pa., and is designed to deliver 425 gallons of water per min. against a head of 1,100 ft. This pump is to be driven by a Westinghouse type "CCL" alternating current motor of 150 h.p. capacity, at 450 r.p.m. The duty calls for heavy, substantial construction, and acid-resisting material was required to be used in making the throat and plungers and other parts of the water end, on account of the bad condition of the mine water to be pumped. The use of five plungers operating from one crank shaft, having connecting rods placed 72 deg. apart, gives a uniform velocity of water in the pipes, thus adding greatly to the efficiency of the pump. The plungers are single-acting and outside packed. It is claimed that owing to the large size of the throats and valves and the comparatively low water velocity through all the orifices, a high efficiency is obtained. This type of pump is becoming very popular in the Montana copper country by reason of its reliability and high efficiency, both of which are particularly important in mining operations, especially where power is purchased from transmission lines.

E. F. Miltenberger, who was engaged in connection with F. T. Snyder's experiments in zinc-lead smelting at Vancouver some time since, is now in charge of the Canada Zinc Company's office at Nelson, where that company is erecting works for the electric treatment of zinc and lead ores.

The Pacific Coal and Transportation Company of New York is reported to have offered to deliver at San Francisco, Cal., Alaska coal for the United States battleships at \$3.90 per ton for the first 20,000 tons and \$8 per ton for the second like quantity.

In 1906 there was produced in Canada asbestos to the value of \$1,970,878, or more than four times that of 1897. In 1906 the quantity produced was 59,283 short tons, as against 15,570 tons in 1897, value \$473,274.