

FROM THE MINES

CORRIGAN MCKINNEY CHANGES.

The Diamond Drill is in position to announce for a certainty that Geo. Wallace has severed his connections with the Corrigan-McKinney interests and that his place will not be filled by the appointment of another general superintendent. There have been loud rumors for some time past that Mr. Wallace was to step out and to confine his attention to the development of his Idaho gold mining properties and some iron properties on the Mesabi range in which he is heavily interested.

As the expected resignation did not occur some began to think that there was nothing to it but recent developments have shown that the smoke did not exist without some fire. Mr. Wallace tendered his resignation last week and it was accepted at Cleveland headquarters of the company. Immediately Superintendent Richards and Assistant Superintendent Shephard were summoned to Chicago for a conference with Price McKinney and it is understood that the result of that conference was the division of the superintendents work between these two men, Mr. Richards taking the Michigan end of it and Mr. Shephard the Mesabi end. A reporter endeavored to verify this information in an interview with Mr. Richards yesterday but that gentleman would give out nothing excepting that Mr. Shephard had gone to Duluth but for what purpose he refused to state. The selection of Mr. Richards to be the superintendent of the Michigan end of the concern is a deserved recognition to a deserving and hard working official. His jurisdiction is extended from the Menominee range to the Gogebic and a small interest on the Marquette. Mr. Richards came here a year ago to take hold of the Crystal Falls end of the business under Mr. Wallace and the fact that he is promoted is an evidence that he has brought results and that his superiors have recognized his worth. Crystal Falls people will be pleased to learn of his promotion and to be assured that he will make this his permanent home as he is very generally liked in this district.

Mr. Shephard will have the Mesabi range the big Stevenson, the Commodore the Jordan and several minor properties being under his jurisdiction.

Mr. Shephard is recognized as one of the coming mining men and has made friends by the legion in his short stay among us.

It is likely that the Duluth office of the concern will be discontinued and that the headquarters will again be removed to Cleveland with branch offices here and at some point to the Mesabi as was the case before the new order of things was installed by Mr. Wallace last fall.

THE GREAT WESTERN.

For the first time in the history of the Crystal Falls district a shaft house is being constructed on wheels to be carted into place as soon as the shaft is ready for it. This work can be seen at the Great Western mine where the new shaft house which is designed to take its place over the new shaft has been constructed and awaits the completion of the shaft to be hoisted over and placed above the shaft.

This shaft house is one of the largest and best in the district. Its dimensions at the base are 30 x 30 and it is so constructed that the cars instead of running along the side to be filled will run through the house, thus allowing the car to be loaded with greater dispatch. The pocket will, of course, be included inside the frame work. When completed the top of the sheave on the house will be 7 feet above the ground.

The work of bailing the water is going on at a lively rate. The water level has reached a point where the big stopes are being drained and it is natural that it should go much slower than where the water is not so heavy. A fair rate of progress is being maintained and the water will all be out on time.

The work of getting ready for the big pump is being pushed and the station is nearly ready. If the pump can be got into action it will assist very materially in lowering the water.

THE BRISTOL.

There has been some curtailing of output at this property during the past two weeks that have led to rumors of the suspension of work. The curtailing has been chiefly in the letting out of trammers because of the slackening off of shipments. All of the men at the property were laid off during the week but we are informed that the greater part of the miners will be put back at work next week but that all work will be confined to development work.

THE LEMONT.

Work at this property is just now confined to erecting the shaft house and getting the shaft ready for the hoisting of ore. The carpenter gang is now at work on it and as the timbers are all framed ready to be stuck up the work will not take so very long. The track to the coal trestle is being laid and the next on the program will be the erecting of coal docks. Men are at work now leveling the ground and getting the place ready for the erecting of the benches for the dock.

MARQUETTE RANGE.

Very good progress has been made in sinking the Cliffs shaft for the past week, a net gain of about six inches per day having been made. It is now down 129 feet from the surface and 1400 gallons of water per minute is being pumped with such a proportion of sand that the work of ten men is constantly required to shovel it from the launder. This sand, or much of it goes to fill about the shaft as the surface settles from the continual draft at the bottom, so that it is not unlikely that much of it finds its way to the pump a second or third time or more. But this is unavoidable as the shaft must be supported in order to hold its lines, and to fill it with other material would be liable to hang it beyond hope of crowding it down. This at any point above the ledge would be fatal, and likely involve its abandonment and the starting of a new one. But there is no indication that this emergency will occur. The driving of pipes has revealed deposits of clay, but as they are reached they are found to be only thin layers so that little is known as to the exact distance from the present bottom to the ledge. There are hundreds of tons of pig iron on the shaft to force it down and the work so far as can be seen is going on nicely. Thus far there is no difficulty whatever to compare with that in getting down with the second shaft at the Negaunee, though it may yet be encountered. At present Capt. Rough is confident that the great task will be successfully completed, but when he cannot, of course, foresee.

AT THE NEGAUNEE.

All matters pertaining to the operation of the Negaunee mine seem to be moving along smoothly and securely of late. The surface has been cleared of the debris and the yawning open pit remains as the only evidence of the calamity that occurred there on the 7th of last January. During the past few weeks the pit has changed from the form of a funnel to that of a huge flat-bottomed dish—a flat surface of probably half an acre having obtained at the bottom which has every appearance of being perfectly secure, though the water is still kept from it by pumps at the bottom. The underground approaches to the No. 1 shaft have been so securely and tightly bulk-headed that every particle of all material—even water—is excluded. This was done some two months ago and the work of reopening the wrecked portions of mine commenced. From this shaft has been hoisted a pile of clay, sand, rock and wreckage that would well nigh fill the open pit itself if placed there. It is now expected that ore deposits will soon be reached within two weeks perhaps—when the work of hoisting will be commenced and baring the unforeseen, continued during the life of the current lease. Though seemingly a long time, the wonder is that the management has been able to restore order out of chaos in so short a time. The work of reclaiming the mine proper was greatly retarded in recovering the remains of the entombed men to which all effort was first directed, regardless of conditions that might tend to restore the workings. What was done in this direction was merely incidental to the work of re-

covering the bodies, regardless of cost. It was the work of humanity and therefore of highest importance in the estimation of the great corporation that foots the enormous bills of expense. Now that this is all accomplished there seems no cause of anxiety as to the future of the big mine. It is reorganized and equipped for any emergency though possible to occur. There are now about 500 men upon the pay-roll and the number will likely be some what increased from time to time as room is made.

IRON ORE SHIPMENTS—LAKE FREIGHTS.

Reports from all iron ore shipping docks in the upper lake region show an output to June 1 of 5,148,187 tons gross, which is 3,558,362 tons in excess of the output on the same date a year ago. It was expected that the movement of ore in May would be close to 4,000,000 tons, but the reports show shipments of only 3,293,235 tons. This is discouraging enough, however, from the vessel owner's standpoint as the shipments in May last year aggregated only 1,589,775 tons and as noted above, the entire output to June 1 is full three and half millions ahead of last year. Still the ship owners are finding some encouragement in the expectation that ore will be moved throughout the season in volume fully up to the limit of dock and railroad capacity. Three seems to be no end to the demand for finished product in iron and steel lines. Even within the past week large quantities of pig iron have been sold for delivery during the first quarter of next year and for some of this iron \$21 a ton is to be paid. It is understood that the Steel Corporation is prepared to buy 100,000 tons for delivery in the second quarter of 1903 and that this purchase have been made this week but for the strike in the Mahoning and Shenango furnace districts. It is also quite true that lake coal shippers have not in some cases moved half the coal they expected to move up to this time, and in this condition the vessel owners also find some encouragement, notwithstanding that there is clearly a surplus of carrying capacity if the vessels could be kept moving. A strange feature of the situation is the prices asked for new vessels. Numerous berths in the lake yards will soon be idle, and it was expected that the builders would be offering inducements on orders for next spring's delivery, but the prices they are quoting on ships of 5,000 to 6,000 tons capacity are \$7,000 to \$10,000 above the prices charged for vessels of the same kind that have lately been going into commission. High prices for material and uncertainty as to delivery are referred to as causes for the increased prices on new ships.

READ IT IN HIS NEWSPAPER.

George Schwab, a well known German citizen of New Lebanon, Ohio, is a constant reader of the Dayton Volkszeitung. He knows that his paper aims to advertise only the best in its columns, and when he saw Chamberlain's Pain Balm advertised therein for lame back, he did not hesitate in buying a bottle of it for his wife, who for eight weeks had suffered with the most terrible pains in her back and could get no relief. He says: "After using the Pain Balm for a few days my wife said to me, 'I feel as though I were new, and before using the entire contents of the bottle the unbearable pains had entirely vanished and she could again take up her household duties.' He is very thankful and hopes that all suffering likewise will bear of her wonderful recovery. This valuable liniment is for sale at Cole's Pharmacy.

Very low rates to San Francisco, Los Angeles and Portland and Return. Via the Northwestern Line. Tickets will be sold until June 8th inclusive, limited (by extension) to return within sixty 60 days on account various gatherings. Through Drawing Room and Observation Private Compartment Sleeping cars daily. Personally conducted twice a week. Apply to agents Chicago & Northwestern R'y.

CHEW
BLOOD BERRY GUM
AND GET A PINK BREATH.
THE ONLY ANTISEPTIC GUM IN THE WORLD.
Like a Bunch of Carnations in the Mouth
FOR SALE BY ALL DEALERS
SOURWINE & HARNETT, Man'rs.
ESCANABA, MICH.

PIGS! PIGS!
We have a choice lot of young pigs which we offer at the following prices:
Pigs, 5 to 6 weeks old, per pair, \$5.00.
Pigs, 7 to 8 weeks old, per pair, \$6.00.
Pigs, 3 months old, per pair, \$7.00.
J. M. SMITH'S SONS,
Green Bay, Wis.

CLASS OF 1903

The Annual commencement exercises of the Crystal Falls schools will be held during the week of June 15th to 21st. The announcement cards for the same having been issued this week.

The exercises will commence with a Baccalaureate Address at the court house, Sunday evening, June 15th. Rev. Ames, Maywood will deliver the sermon to the class. The exercises will begin at eight o'clock.

On Wednesday afternoon at three o'clock will occur the class day exercises. This is a new feature of the commencement exercises but it is a function that is carried out in all well regulated schools and will be one of the very best features of the exercises of this year's commencement week.

Commencement exercises proper will occur at the opera house on the evening of June 20th. On this evening the members of the senior class will bid good by to their associates of the schools of the city and go forth alone to fight out the battle of life.

The exercise will begin with an address by Prof. K. Clyde Ford of the Marquette Normal school. The members of this year's class are as follows.

Mamie A. Dawson, Ada A. Harding, Emma Lachapelle, Sarah Liberty, John C. Lind, Irene B. McGee, Jean V. McGee, Algernon S. Webb and Olive R. Willis.

One of the Swellest and prettiest society functions that has ever been held in connection with the graduation exercises of the Crystal Falls schools was the junior reception given in honor of the senior class at the opera house last night. The juniors have been planning for this event for a number of weeks and the very good success that attended their efforts showed that they had planned wisely and well.

The event consisted of a formal reception which took place in the balcony at 9:30 o'clock, followed by a dance which was interrupted long enough at the midnight hour to allow of the serving of ice cream and cake.

The hall was very tastefully decorated with ferns and flowers, giving an excellent effect to the whole affair.

The reception was well planned and pretty in the extreme. Promptly at the appointed hour the senior class, consisting of the following young ladies and gentlemen lined up for a formal presentation to their numerous young friends: Mamie A. Dawson, Ada A. Harding, Emma Lachapelle, Sarah Liberty, John C. Lind, Irene B. McGee, Jean V. McGee, Algernon S. Webb and Olive R. Willis. The attendance had been confined to young people solely and the very creditable manner in which they carried out their part showed that they are well schooled in the art of properly entertaining. The young ladies were dressed in white and everyone wore the class colors of the juniors, which this year is green and pink.

Following the reception came the dance. The music was furnished by the Florence orchestra of three pieces.

At twelve o'clock lunch was announced and immediately the waiters, Ethel Flewelling, Alma Lustfield, Ananda Sorensen, Lucretia Harbour, Max Cooney and Sophie Abrahamson appeared on the scene and for the following hour they were the most interesting personages in the hall.

The dance was resumed at about one o'clock and continued until the wee small hours when the company parted vowing the juniors "hearty good-byes" and wish the seniors health, wealth and prosperity to their life end of school.

John Truffis team furnished a little excitement for the people on the streets Wednesday by running away and breaking up the harness.

Mrs. C. M. Dusenberry came up from West Branch the first of the week to visit with relatives in the city. She brings good word from Mr. D. and says that they are now quite at home in their new surroundings.

Cyrus T. Sausiba came over from Atkinson the first of the week to attend to some business matters that he had in the city. Mr. Sausiba drove across the county from Atkinson and says that he found the roads in very fair shape.

Work was started on the foundation of the new Episcopal church this week. The plans have been changed as regards the material for construction. It is now the plan to have the foundation of the building will be constructed of small stones or brick and wood.

First Pub May 2, last May 21, at 10 o'clock A. M. and again on Thursday the 9th day of October, A. D. 1902, at 10 o'clock A. M. of each day at Crippen's store in the Village of Iron River, in said county, to receive and examine such claims as shall be presented to us against said estate.

Dated April 25th 1902.
MORDEcai H. McKINNEY, Appraiser,
GEOFFREY D. CROFTON, Clerk.

Subscribe for THE DIAMOND DRILL.

McCourt

A WINNING TRICK.

He Lost All His Bets and Made Money by Doing So.

The captain of one rather old and slow steamer of years ago, finding that he would have to be a long time in China before he received a full cargo of tea and would have probably to return in ballast, began, to every one's astonishment, to say that, owing to the repairs that had been done to his engines, he hoped to make a racing passage back to England. Then, still more to the astonishment of the captains of the fast steamers and the world at large, he commenced to back himself to make the fastest passage home.

In such very considerable sums of money did he wager that people began to think there was something in it, and the merchants sent their tea almost entirely to his ship, arguing that as the captain stood to lose £500 the repairs to his steamer's engines had probably put him in a position to bet almost on a certainty.

Of course the steamer, whose greatest speed was eight knots an hour, arrived in England weeks after the others, and the captain lost £250, but instead of having to lie in China waiting his chance of cargo coming in from the interior, a probable delay of weeks, he had cleared in a few days after his bets became known to the public with a full ship, thus recouping to his owners, who of course paid his betting losses, a considerable number of thousands of pounds profit.—Blackwood's Magazine.

They Use Morphine.

"Snakes of many poisonous varieties can be handled without danger if the handling is done properly," says a dealer in animals. "Most people imagine that snake charmers handle only non-poisonous snakes, or snakes with the poison sacs removed, but such is not always the case. I have seen snake charmers fearlessly handle reptiles of the deadliest variety without apparent danger to themselves, the snakes in fact making no attempt to bite. A snake does not bite unless angered, and snake charmers are careful in their handling to soothe the animal instead of alarming it. They generally begin their manipulation by stroking and avoid all sudden movement in handling the snake. Most snake charmers I have come in contact with were morphine fiends, and by the absorption of this poison they were impervious to the poison of any but the most deadly variety of snakes."

Two Gifts to the Orchestra.

On one occasion, when Von Bulow had to conduct an orchestral concert at which a piece written by an aristocratic amateur was to be performed, the composer requested permission to direct a rehearsal and on obtaining it opened a parcel containing seventy pencils, which he handed to the members of the band, asking them to mark his intentions in their parts, as he would give them by word of mouth.

Hans von Bulow noted this matter of detail and left the hall. Presently he returned, also with a parcel, and on returning his place at the desk gravely handed out seventy pieces of India rubber, with which the players were to erase the directions which the composer had given them.

Mushroom Tests.

There are two sure ways of telling the difference between wholesome mushrooms and the poisonous fungi which so closely resemble them. If they are to be boiled, put an onion with them, and if the onion remains white there is nothing to fear. If it turns black, throw away the contents of the dish, for poison lurks there. A common test is to sprinkle a little salt on the pink underpart, and if it turns black you have real mushrooms. If the pink changes to yellow, you have a danger signal before. If precautions like these were taken with all mushrooms, fresh or canned, there would be less sickness in the world.

How's This!

We offer One Hundred Dollars Reward for any case of Catarrh that cannot be cured by Hall's Catarrh Cure.

F. J. CHENEY & Co., Props., Toledo, O.
We, the undersigned, have known F. J. Cheney for the last 15 years, and believe him perfectly honorable in all business transactions and financially able to carry out any obligation made by their firm.
Wm. & Thos. Wholesale Druggists, Toledo, O.
WALKER, KISSAM & MARTIN, Wholesale Drug-gists, Toledo, O.

Hall's Catarrh Cure is taken internally, acting directly upon the blood and mucous surface of the system. Price, 75c per bottle. Sold by all druggists. Testimonials free.
Hall's Family Pills are the best.

Wise is the girl whose sense of self interest prompts her to take Rocky Mountain Tea. It fills her full of vigor and there is always honey in her heart for you.—J. C. Wilkinson Co.

The Leading Photograph Studio of Crystal Falls for fine Photographs and Crayons. Kodak work finished for Amateurs. All work guaranteed first class. All photographs in my show case were made in my gallery. All photographs finished on American Aristo Paper and up-to-date.

GEO. KASTOR.

CONFECTIONERY AND ICE CREAM PARLORS.

In addition to my business I have started an Ice Cream Factory and will furnish the purest and best Ice Cream for family use, also for parties and picnics on short notice.

PRICES VERY MODERATE.

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In the most Attractive Country for the Farmer, Stock Raiser, Manufacturer, and Investor. Plenty of good opportunities in the

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Stock raising in the Gulf Coast District will make enormous profits.
Half day excursions the first and third Tuesdays of each month.
Let us know what you want, and we will tell you where and how to get it—but don't delay, as the country is filling up rapidly.
Printed matter, maps and all information free. Address,

R. J. WEMYSS,

General Immigration and Industrial Agent
LOUISVILLE, KY.

WAS WASTING AWAY.

The following letter from Robert K. Watts of Salem, Mo., is instructive. "I have been troubled with kidney disease for the last five years. I lost flesh and never felt well and doctor ed with leading physicians and tried all remedies suggested without relief. Finally I tried Foley's Kidney cure and less than two bottles completely cured me and I am now sound and well. Cole's Pharmacy

INTERESTING TO ASTHMA SUFFERERS.

Daniel Bante of Ottobville, Iowa, writes, "I have had asthma for three or four years and have tried about all the cough and asthma cures in the market and have received no treatment from physicians in New York and other cities, but got very little benefit until I tried Foley's Honey and Tar which gave me immediate relief and I will never be without it in my home. I sincerely recommend it to all". For sale at Cole's Pharmacy.

TEN YEARS IN BED.

R. A. Gray, J. P. Oakville, Ind., writes, "For ten years I was confined to my bed with disease of my kidneys. It was so severe that I could not move part of the time. I consulted the very best medical skill available, but could get no relief until Foley's Kidney cure was recommended to me. It has been a Godsend to me". At Cole's Pharmacy.

You've got to, hustle all the time to keep in the swim. If you are slipping down the ladder of prosperity, take Rocky Mountain Tea. It makes people strenuous. J. C. Wilkinson & Co. Chronic bronchial troubles and summer coughs can be quickly relieved and cured by Foley's Honey and Tar, at Cole's pharmacy.

The Finest Cake

Is made with Royal Baking Powder. Always light, sweet, pure & wholesome.