LOCAL MINES CANNOT PRODUCE COPPER AT 12c

Albert E. Petermann, member of the board of directors of the Calumet and Hecla Consolidated Copper Company appeared before a meeting of the Michigan Congressmen in Washington recently to plead the case of copper, in an effort to have the government continue the present price subsidy on copper. He pointed out the fact that the Michigan copper producers will have to suspend unless the Premium Price Plan is continued, or the OPA price ceilings be lifted to permit the mines to secure a more reasonable price for their product.

All Michigan congressmen evidenced deep interest in the problem of producing copper in the Lake Superior district and went thoroughly into the subject with Senator Petermann. Some of the facts he outlined to them are necessary. Immediate passage of the Premium Price Plan must be continued so that copper will be maintained at 4 cents per pound under supervision of all agencies for the long-term national welfare of the industry in the United States cannot produce at the present ceiling price of copper, which is 12 cents per pound. None of the industry in Michigan can operate at that price level. The Premium Price Plan, which has provided additional payments for higher cost producers, and has permitted higher production, will end on June 30, 1946. If OPA's existence is not continued after that date it is expected that economic conditions will force copper prices to rise to at least 15 cents per pound.

WOLFRINE TUBE IS WINNER OF CITATION

The Committee of Award for Chemical Engineering presented citations to a few industrial firms and universities, the recipient at the annual meeting in New York. The records were made to those institutions which had a part in the research and production of the atomic bomb.

Calumet and Hecla's Wolverine Tube Division played a direct part in the atomic bomb project, and as a result, Mr. E. R. Lovell, President, was invited to attend the ceremonies and receive the citation for Calumet and Hecla.

COPPER STORY RECORDED

The story of copper was recorded for radio transcription, by technicians of the Michigan Conservation Commission at the Tamarama Reclamation Plant last Thursday. Mort Nett and Bob McLaughlin of the department's educational division, set up the wire-recorder and made the recordings.

A discussion of copper and the reclamation process, by President E. R. Lovell, opened the recording program after which the plant and equipment were described and several of the men employed in the plant were interviewed by the visitors. The records will be used in the Conservation Department's weekly broadcasts which are heard over a network of nineteen stations in Michigan. Pictures taken during the broadcast will be shown in the next issue of the News-Views.
You would let us know about them.
The ice at the "Euts."
Suggestions are greatly appreciated.

C. & H. News-Views
Published Monthly by the
Calumet and Herd Consolidated

In the Interest of Its Employees
Editor—Gervase T. Murphy
Associate Editor—J. W. Alt
P. O. Box 221, Calumet, Michigan
News and Views of Michigan's Great Copper Mining Company and Its Various Branches.


We Wish

Clyde Miller would tell the Lake Reclamation boys how he broke his big toe.

If you have any suggestions on how to improve the News-Views, you would let us know about them. Suggestions are always greatly appreciated.

To thank "Bob" Thomas of the Calumet Power for his safety suggestion.

Albert Sitzman of Iroquois Shaft would tell the boys why he is called "Vinko."

We had a picture of that fish with the horns that "Charley" Brinkmann of the Lake Boiler Plant saw below the ice in the "Cute." To thank "Jack" Morrison of the Ahmeek Mill Boiler Plant for the compliment he made the last issue of the News-Views.

To apologize to Hilary Goldin and Edward Kramer both of the Ahmeek Mill. A mistake was made in the last issue of the News-Views when their names were placed under the wrong pictures.

John Pastor of No. 3 Allouez would tell the boys why he is called "Clark Gable."

You could see George Cronenwuth's 1946 calendar. George is a compressor man at Iroquois.

To thank Fred "Swede" Mattson of Ahmeek Mine for his safety suggestion.

Edgar Impola of Iroquois Shaft would tell the boys why he is called "The Reno Kid."

"Mitty" Patki of No. 3 Allouez would tell the boys how a fish exploded a large water tank. You could hear Henry White of No. 3 Allouez tell his "cousin-jack" stories.

That if you have a hobby you would let us know about it. We would like to take a picture of you and your hobby. It would be of interest to our many readers.

That you would report your small injuries to your foreman on the same day that they happen. Practically all of the infections are caused because someone has failed to take the proper care of a small scratch or puncture wound. It's the same old story, "I didn't think it amounted to anything."

Fergus Theria of Iroquois Shaft would tell the boys why he is called "Judge."

Anton Kouskari of Ahmeek Mine would tell the boys why he always feels like the young horse.

Ed. Hebert of the Tamarack Reclamation would tell the boys why he is called "Drummer" Hebert.

Many Kowacki of the payroll department would give us some of the details about the sleigh ride party. The party was held on a Saturday night and on Monday she was still laughing about it.

The "Bill" Warehouse of the Ahmeek Mill would tell the boys why he is called "Xanthate Wily."

William Wolfe would tell the boys why he drove from Calumet to No. 4 Kearseage on a Saturday night when there was no work at the mine.

STEEL SHORTAGE FELT HERE

The shortage of steel from the market is being felt in the operations of the company here. Drill steel and bits are especially important in mining and every effort is being made to conserve these important items so that no work shortage may result from their scarcity.

COMPENSABLE ACCIDENTS January

No. 3 Allouez
January 18—John F. Patilian, miner. Placing a rock under wheel of loader, the loader was moved and the rock fell on his left hand. Amputation of left index finger and thumb. Amputation of right index finger and one half of thumb. Foreman, W. Dower.

Douglass Underground

Better Safety Depends On You!

Canadian Visitor Here

Perrill Liddiest, of St. Cather- ine's, Ontario, transacted business at the company's general office in Calumet recently.

Diesel Engine Purchased

The company has ordered a new seventy ton, 660 horsepower diesel electric locomotive, which will be used in switching ore cars at the Ahmeek Mine. The new locomotive will expedite the handling of cars of rock delivered to the mill and clearing the empts for their return to the mine.

Believe It or Not

It's always smart to work safely.

In a contest held in 1926, "Tony" Abe of Iroquois Shaft was voted the best looking young man of his High School Class.

Frank Pochower of the Foundry, enjoys a good size pork loin and a loaf of bread for lunch.

Frank Bruls of the Tamarack Reclamation claims he is the champion chicken eater—at one meal he will eat an 8 pound chicken.

"Dick" Sunn of the Lake Reclamation Plant says the only evening he goes out is when he attends a safety party.

George Mehrrens of No. 3 Allouez says that the first twelve days of January determine the weather for the balance of the year.

On February 7th, Clarence Lide of Ahmeek Mine stopped at a restaurant and had a little lunch of 4 bowls of chili, 4 pasties, 9 hamburgers, a piece of pie and 5 cups of coffee.

We Wish

For a small fee, Oscar Peterson of Ahmeek Mine, will keep you informed regarding weather conditions.

Our safety rules impose no hardship, but their violation may.

On February 7th, Fred Ziems got 22 eggs from 22 chickens.

On January 15th, George "Pop" Werner said he had a free evening after 7 o'clock.

"Wes" Williams of the Ahmeek Mine Office was seen pushing a snow scraper. This is an annual event for "Wes."

Philip Nelmak would like to challenge Clarence McLain to a hundred yard dash, to be run up or down hill. Both men are watchmen at the Tamarack Reclamation.

Your shift, shaft, plant or department can have a good safety record if you are doing your very best to work carefully.

Boys and Girls

Mr. and Mrs. Edwin Taltyr are the parents of a son, born February 3, 1946. Edwin is employed as a miner at Kearseage.

Mr. and Mrs. Marvin Deissler are the parents of a son, born January 16, 1946. Marvin is a surface laborer at the Smelt.

Mr. and Mrs. Frank Rose are the parents of a daughter, born January 16, 1946. Frank is employed at Central Mills.

Mr. and Mrs. Hugo Hendrickson are the parents of a daughter, born February 8, 1946. Hugo is a miner at Ahmeek Mine.

Mr. and Mrs. Norbert LaRoux are the parents of a daughter, born February 13, 1946. John is employed at the Calumet Electrical Department.

Mr. and Mrs. Henry Warth, Mrs. William Nelson, Mrs. Augusta Brill, Mrs. Anna Badman.

Mrs. Augusta Brills family helped her to celebrate her 88th birthday on January 9th. A gathering was held for her friends and relatives in the Club Rooms of the C. & H. Fire Hall.

Standing: Harold Bastian, Fred Brill, Harry Brill (Calumet Surface), George Brill (formerly at Central Exploration), Chris Brill (Railroad), and John Brill (Foundry).

Seated: Mrs. Henry Warth, Mrs. William Nelson, Mrs. Augusta Brill, Mrs. Anna Badman.

C. & H. NEWS-VIEWS
FEBRUARY, 1946
Smelter Team at the Top
In C. & H. Bowling League

Surface and Tamarack Reclamation, Ahmoeck Underground and Allouez.

The loyal supporters of each team continue to plug for their favorites, and keen interest is shown in the league.

The Smelter with $28 has the highest Average Team Score, and leads in the race for High Team Match Score with a mark of 2762. Jack Marsford recently overcame Ed. Monson's lead for High Individual Average when Ed. bumped into some tough luck, as a result of which his average skidded to 178. Jack's mark is 181. George Dower, Railroad's "Bowling Find", is right up among the leaders with 175. This is George's first year as a member of the C. & H. League. Doug. MacEachran, Smelter, still leads in the High Individual Match Score with a mark of 672. His nearest competitor is George Dower, Lake Linden Reclamation with .646. In the High Individual Game, MacEachran again leads for top honors with a mark of 257. Lake Linden Reclamation's Herman Hall is in closest competition with 244. It is expected that both of these marks will be topped if some of the other boys in the league live up to their promises.

The human body is remarkably sensitive. Pat a man on the back and his head swells.

ICE FLOE THREATENS CALUMET WATER SUPPLY

The supply of water to the communities and pipes of the northern part of the Copper Country was endangered recently by large doses of ice which piled up along the shores of Lake Superior and clogged the intake lines which convey water to the pumping stations, which deliver water to the entire area.

The difficulty is experienced occasionally when southeast winds drive the slush into the shore, blocking the intakes at both the Calumet and Tamarack pumping stations. Usually the situation is corrected by forcing the ice away from the intake with compressed air from a compressor in the plant. Recently however, the pack was so heavy that the compressed air method could not cope with the situation and the company's fire truck pump was brought into service to pump water direct from the lake into a reservoir from which the plant pumps forced the water into the delivery mains.

The portable fire pump, which the village of Calumet promised some time ago from the Office of Civilian Defense, was brought into play and both these units provided sufficient water to permit the normal operation of both pumping stations. A change in the wind direction later in the day moved the ice field out into lake Superior and the emergency was ended.

Smiles

An irate husband disgusted over his wife's actions addressed her reproachfully:

"Believe me, I certainly would give anything to know why God made you so beautiful and yet so awfully dumb."

"Well, I'll tell you, my dear," answered the wife. "God made women beautiful so men would love us, and He made us dumb so we could love you.""
Drift miners, "Doc" Dahlgren, "Tom" Filipovich.

This mechanical shovel, in general use underground, is one of the modern machines which eliminates hand-and-shovel work in tramming rock.

Join Unstad, drift trammer, operating a scraper engine.

Matt "Shorty" Fink, stope miner.

Skilled Men, Modern Equipment Required in Reco

A large number of shafts have been completed in recent years to increase the amount of copper rock being hoisted from which copper rock is being hoisted. This work is done by a mining company called Calumet and Hecla and at the Calumet Centennial, No. 4 North Kearsarge, No. 3 East Lake, and No. 6 Kearsarge, No. 4.

As many of the News-Views readers visit the underground, they may gather a better understanding of the mining operations by examining the following paragraphs, some of which are based on the actual operations at the mine.

Starting from the mine shaft, drift miners cut a tunnel through the rock by drilling and blasting. When the tunnel is finished, openings called chutes are made above the tunnel. These chutes continue to open up between the chutes to form a shaft. When three or four chutes have been completed, a scraper may be employed to load the rock into cars.

The scraper is driven by compressed air, and the loaded cars are then hauled to the surface by an engine. When the loaded cars arrive at the surface, they are unloaded into a crusher where the copper rock is crushed. The copper rock is then hauled to the mill where it is smelted and the copper is extracted.

At the smelter, the copper is then cast into various shapes for shipment to the customer.

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Underground at Calumet and Hecla

Modern Machinery

ecovery of Copper

he been worked on the Kearsarge lode in time, however, there are only four shafts hoisted. These four shafts, all being a Consolidated Copper Company are the No. 3 Ahmeek and No. 4 Ahmeek. readers have not had an opportunity to themselves just how the copper is recovered — both from the pictures on this page. some idea of the operation of a copper drills or tunnels are driven by crews of drilling, blasting and mucking out the same cases, until no further copper rock then the miners will begin to cut out rifts. After the chutes are cut the miner drills by drilling and blasting down the have been cut through, the miners will a rock after each blast, rips up the post-drilling a series of holes into the rock and air. When the miner has drilled as far as the rock, he removes the equip- to blow the holed-rock with dynamite, until the stopes reach the next level was begun, sometimes 150 feet and t must be scraped down to the chutes, no. The lode is too flat for the broken the broken rock is scraped into the ce chutes into tram cars. After the tram miner, operating an electric, storage-bat- cars out to the shaft. At the shaft into the skip, ready for shipment to the rockhouse on surface it is automated, through which the rock passes into s into the railroad cars and is transferred on the mine is crushed still finer as it up heads. At the Ahmeek mill the copper by means of several machines, names, etc. Then the copper mineral results — railroad cars for the final process of the mineral is heated and the molten shipment. The bars and rods and other on delivered to manufacturing plants melting and sale to the consumer.
Journalist Urges Continuance of the Subsidy on Copper

In a letter which he mailed to each of Michigan's seventeen members of the House of Representatives in Washington, Anton D. Leonatt, a widely known political research journalist urges them to support the move to continue the government's subsidy to Michigan Copper Producers.

The letter follows:

"I hope you will support A. E. Petersmann, attorney for the Calumet & Hecla Consolidated Copper Company's proposed plan for continuance of government subsidies to Michigan's U. P. copper mining companies. I am sure that you appreciate the importance of such continuance of this subsidy. This measure is not only humane in that it provides working and healthful living conditions for the workers in the Copper Country, but it is also good business because it will materially assist the small business establishments as well as the workers. But perhaps the greatest benefit of all is that it will furnish the right background for better citizenship and a more effective democracy."

CHAS. GRIBBLE HONORED BY FELLOW EMPLOYEES

Charles Gribble, who retired recently from the construction department in which he had been a foreman for many years, was honored by the employees of the department at a party at the Miscouwassie Club recently. He was presented with a gift from his associates, the presentation being made by William Cornish, superintendent of the department.

The Copper Country Choral Club rendered two numbers in his honor after which Mr. Gribble responded. He spoke of his more than seventy years of residence in Calumet. He recalled the early days of the community, the construction of the first board sidewalks in the village and the building of some of the early mining and other buildings.

GARDENERS BEGIN TO SELECT THEIR SEED

Spring is just around the corner! March 21, just three weeks away, brings the first day of spring and now is the time for all who garden growers to order their vegetable seeds. In a short time those who raise their own transfer plants will be setting out their seed trays so that they will have early tomato plants for transplanting.

Last year the C. & H. garden plots were among the best in the country and it is hoped that the number of gardens entered in the contest this coming summer, will be increased. The war's end did not bring an end to the food problem and American growers will be called upon next fall to supply a large part of the food to feed the unfortunate people of other nations. It will be necessary therefore, that Americans grow a large crop of home garden produce to help maintain an ample supply at home.

C. & H. will assist any of its employees who desires additional garden area for the summer. The ground is available. Those interested are advised to consult their foreman for further information.

GARNET LIZEBY'S SON IS KILLED IN ACTION

Garnet Lizeby, employed in the electrical department of the Almek Hill, has been advised by the War Department that his son, Private William Lizeby, who had been reported as missing in action, was killed in the battle of Reipertwiller, France on January 18, 1945, just eleven days after he arrived overseas.

The deceased, who was 18 years of age was a native of Hubbard, a graduate of St. Cecilia's school and is survived by his parents and a sister, Mrs. Rodney Reilman, of Hubbard.

SOFT BALL IN POPULAR

Settletown, known as baseball's former brother, is only 15 years old. Yet, there are more than 15,000,000 participants in the sport and one-third of these are females.

When the captain was shown into the colonel's office he remarked: "That new clerk of yours seems a hard worker."
"Yes," said the colonel, "that's his specialty."
"What! working hard?"
"No, nothing to it."

NEW SHAFT BECKET IN USE

A new style bucket, to be used in shaft sinking at the Kearsege, was made recently at the Calumet Blacksmith shop. The bucket is constructed so that it can be loaded direct from the shaft scraper, instead of using a scraper slide for filling. This new method further improves the method of shaft mucking, eliminating entirely the old hand and shovel practice.


Preparing to open a slope chute, to load and 8-ton tram car. "Tom" Hodges and "Waldo" Matta.

### Coming Events

**SAFETY PARTIES**
- March 2nd: Employees of the Almek Mine Blacksmith Shop, Drill Shop, Electrical Department, Machine Shop and Mechanical Department.
- March 19th: Employees of J. Maimone's shift, Centennial Mine, W. Pryor's shift, Proprietors and employees of No. 2 Magma Barracks.
- March 22nd: Underground employees of Centennial Shift.

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Preparing to open a slope chute, to load an 8-ton tram car. "Tom" Hodges and "Waldo" Matta.
NEWS

AROUND THE MINE

On January 26th, Henry Curtis of Copper City celebrated his 20th wedding anniversary. Henry is employed at the Ahmeek Mine Drill Shop.

Eye injuries hurt—they hurt you and pay. Wear your goggles and avoid having injuries to your eyes. Remember you cannot get new eyes and your eyes are very valuable to you.

On February 23rd, the stamping and maintenance employees of the Ahmeek Mill completed 10 years without a compensable accident. Congratulations to these men on this record in accident prevention.

Our congratulations and best wishes to Mr. and Mrs. Joseph Magnuson, who were married on January 19th. Joe, who is employed at the Smelter, took as his bride Miss Margaret Boyle. They are making their home in Calumet.

For sale: One rolling pin in excellent condition—by Clement Myers of the Lake Linden Boiler Plant.

On January 21st at the Ahmeek Mine Picnic Tournament, seven of the twenty players had scores of 620 or better. High score was made by "Easy" Chynoweth, who had a score of 625.

On the evening of February 5th, Mary Rowe, Patricia Gray, B Nice Walmans, Marjorie White and Eunice Jankila entertained their friends with a real old fashioned sleigh ride party. The party started from the Kowacic residence and returned later for lunch.

We're all hoping that the underground employees of Centennial keep up their good work in accident prevention. On February 14th these employees had only 19 days to go to complete a year without a compensable accident.

Hens eggs for sale—by "Billy" Mackall of the Calumet Construction Department.

Our congratulations and best wishes to Mr. and Mrs. Wesley Stein, who were married on February 4th. Mrs. Wesley Stein, who was Miss Rachel Allen, was employed in the office of the Secondary Department.

February 2, 1916, John G. Bennetts of the C. & H. Office had been advised that two first prizes had been awarded for his exhibits at the North Wisconsin poultry show. At that time John was president of the U. F. Poultry Association.

The employees at Ahmeek Mines, who are under the supervision of Ed. Petermann and Ollie Bogdan, on February 14th completed 50 months without a compensable accident. Congratulations to these employees on these fine safety records.

For sale, for spring delivery—Tomato plants—by Max Fritache of Ahmeek Mines.

On February 11th, eighteenth of the employees of the Calumet Motive Power Department honored Ltv. Wareham with a farewell party. A delightful program was prepared by "Bert" Sincock and Lieu. was presented with a present.

At the regular meeting of the Calumet Township Board held Monday, January 28th, Henry Curtis of Copper City was appointed to the office of Justice of the Peace of Calumet Township to fill a vacancy. Henry is an employee of the Ahmeek Mine Drill Shop.

President E. R. Lovell has left for an extended trip to Detroit and the east where he will transact company business. He expects to return to Calumet about March 2.

Don't forget that Safety is everybody's business and the more you make it your business the better the safety becomes.

On February 14th, the employees of the Lake Dredge and Shore Plant completed 7 years without a compensable accident—a safety record that these men can be proud of.

Our congratulations and best wishes to Mr. and Mrs. Ernest Polloz, who were married on January 19th. Ernest, who is employed at the Smelter, took as his bride Mrs. Janet Macario.

Compensable accidents to February 15th, 1941-

At one time the office employed 13 and the north Flotation Plant; building the Electrolytic Plant; making plans for the modernization of the Smelting Plant and building the Electrolytic Plant; mak-

WANTED

A job as a policeman—by "Les" Chapman.

Hens for dogs—by Walter Parent of the Lake Linden Power Plant.

Your ideas and suggestions on how to improve the News-Views.

For cooking and serving delicious dinners and luncheons, call Harry of 6220. Paul of the Accounting Department. On the evening of February 9th, Albert E. Pe termann, the head of the department in 1901, succeeded James Merton, who was in charge since 1889. The first chief draftsman was C. W. Whiting, who had charge in 1892.

When the office of the drafting department moved into the Central Office it was located in the southwest corner office, which was now occupied by Albert E. Petermann. In 1910 the office was moved to larger quarters in its present location. At one time the office employed 13 draftsmen.

Some of the many plans drawn by the department include: Rebuilding with steel and new equipment of the C. & H. Mills; Planning the Lake Linden Reclamation Plant, including No. 1 and No. 2 Rehringd Plants and the north Flocution Plant; building the Lake Linden Boiler and Power Plant and the Lake Linden Coal Dock; making plans for the modernization of the Smelting Plant and building the Electrolytic Plant; mak-

Sverre Nagle

Howard E. Williams
Chief Draftsman

Sverre Nagle

Thomas W. Knight

Peter H. Ostlender
Hazel L. Bennetts

TUNNEY MADE "MONEY"

No boxer ever received a million dollars for one fight, but Gene Tunney came mighty close. Tunney's share of the second bout with Jack Dempsey on Sept. 22, 1927, was $1,455,545.

Drafting Department Makes Plans For Many of the Company's New Plants

The company's drafting department, located in the central office in Calumet, has drawn the plans for nearly all of the modern plants used by the company. The department is in charge of Chief Draftsman E. Williams, who became the head of the department in 1901, succeeding James Merton, who was in charge since 1889. The first chief draftsman was C. W. Whiting, who had charge in 1892.

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This is RED CROSS MONTH

March is "Red Cross Month" throughout the United States. Every citizen is asked to enlist in this great Army of Mercy, which time and again, has brought aid to suffering people throughout the world. The magnificent job performed by the Red Cross in all the theaters of the recent war has won for it the undying gratitude of the men of the armed services. The food and disaster relief for civilians who have been in-

Peter H. Ostlender
Hazel L. Bennetts

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Peter H. Ostlender
Hazel L. Bennetts
Schedule of Office Hours
For All C. & H. Physicians

Due to the several changes that have been made in the personnel of Calumet and Hecla's medical staff there seems to be some confusion regarding the hours of the several doctors. It is hoped the employee will keep the following schedule for reference.

The newest addition to the staff, Dr. Fred S. Hosking, has his office at the Calumet and Hecla Hospital and is available for general practice as are all of the other physicians listed below.

Calumet and Hecla Hospital
Dr. P. E. Hosking: 8-9 a. m.; 3-4 p.m., excepting Saturday mornings.

Dr. F. E. Kelh: 8-9 a.m.; 3-4 p.m., excepting Thursday afternoons.

Dr. P. J. Murphy: 8-9 a.m.; 4-5 p.m., excepting Thursday afternoons.

Dr. W. A. Manthei: 9-10 a.m.; 2-4 p.m., excepting Thursday afternoons.

Ahmeek Mine Dispensary
Dr. P. E. Kelh: 9-10 a.m.; 1-2 p.m., excepting Thursday afternoons.

Lake Linden Dispensary
Dr. N. N. Wood: 8-9 a.m.; 1-2 p.m., excepting Thursday afternoons.

Ahmeek Mill Doctor's Office
Dr. J. J. Burke: 11-12 a.m.; 4:30-5:30 p.m., excepting Thursday afternoons.

Sunday office hours at Calumet and Lake Linden are between 11 and 12 a.m. At the Ahmeek Mine Dispensary the doctor is in attendance from 9 to 10 a.m. on Sunday.

WILLIAM LECOMPTE PASSES

William LeCompte, Plant Guard at the Smelter, died recently after an illness of several weeks.

Mr. LeCompte first was employed by Calumet and Hecla in 1913 as an underground laborer. He began working at the Smelter in 1915, and with the exception of a few months, was steadily employed there until he was taken ill. He is survived by a sister, Mrs. Arlene Law, of Hubbard.

SNOWFALL HERE IS... NOT ABOVE AVERAGE

Despite the fact that there is plenty of snow around to satisfy everybody the total this winter is below that of recent years and the winter in general has been mild. There has not been one real blizzard for the winter.

Saturday, February 14, the wind reached a velocity of 47 miles an hour promising to provide all the fireworks of an old fashioned storm, but the snowfall was light and the wind abated during the afternoon without causing any tarp in highway traffic. The thermometer did register the lowest point for the winter, however, when the mercury dropped to 13 degrees below zero. This mark was not as low as several localities much further south than the Copper Country.

The snowfall for the winter totals 164 inches up to date, a figure which is less than last year at the same time and considerably lower than some previous years. During the winter of 1928-1929 a total of 226 inches piled up over the district for the highest on record, while during the winter of 1930-1931 only 171 inches fell for the lowest on record since 1888.

While many believe February is the coldest month of the year, the C. & H. weather bureau records reveal there is only a slight difference in temperature in January and February. Records kept from 1888 to date reveal the average February temperature is 12.85 degrees above zero while the January record is 14.61 above.

THE C. & H. EMPLOYEES STAR ON CALUMET HOCKEY TEAMS

Hockey, which for more than forty years has been a major sport in the Copper Country, hit its stride again this winter with Calumet entering a strong team in Upper Michigan-Minnesota competition. On the ice up are several Calumet and Hecla employees who have made a splendid record for themselves on the ice variance.

Among the veterans who spark the Calumet this winter are Johnny Whittaker, who works with the steel gang in the construction department; Chet Berryman, the goalse, who is employed in the railroad department; Bill Koopik a, who has played on several teams in past years and who is employed underground at Iroquois;

Mr. Whittaker is the goalie, who plays the steel gang in the construction department; Chet Berryman, the goalie, who is employed in the railroad department; Bill Koopika, who has played on several teams in past years and who is employed underground at Iroquois; and Jasper Murphy, who plays defense. Also is one of Hogarth Pen-

Leonard Waara, John Jakuri, drift miners; Norman Kendall, Yale Knissman, drift trammers, and Pete Hjert, trackman.

An improvement over the roller system of winter road maintenance was the "snowbox" sleds, which fire filled with snow shovelled off the streets of the village by crews of men, who were kept busy all winter. Stations were established in various fields where the snow was unloaded through the swing side-doors of the box. As the snow piled up at these dumps the sleighs were hauled up and over them, so that by midwinter a small mountain of snow was built, and remained until the warm sun of late spring melted it away. Picture shows 5th St., Calumet, in 1906.