

# Mining News

## THINGS DOING IN ROCHESTER MINES

MADISON COUNTY DISTRICT IS WINNING EXTRAORDINARY ACTIVITY IN MANY CLAIMS.

### ENCOURAGING PROSPECT HAS DRAWN IN CAPITAL

Number of Well-Paying Mines Are Now Being Operated on an Extensive Scale and Improvements Are Being Made Every Day—Something About the Mines and Mine Owners Down There.

Carlton H. Hand, manager of the property of the Watseca Mining company, near Rochester, Madison county, and also one of the commissioners appointed to represent the state in the mining congress, is in the city, having come over from the mine yesterday. With him came about 1,500 pounds of ore from the Watseca and 700 pounds from other claims in the district in which that claim is located. It is to comprise the mineral exhibit of the Rochester district in the mining congress.

In addition to the ore brought in by Mr. Hand there are to be some specimens of manganese from the property of Charles Logan, located about twelve miles from Rochester, which is Mr. Logan's home. The manganese is pronounced the best for chemical industries that has ever been found in the United States.

Prospect Is Encouraging. Mr. Hand speaks very encouragingly of the mineral possibilities of the Rochester district. He says there is a lot of development work being done there and a number of mines producing good ore. "The district is about thirty miles directly south of Butte," says he, "in Madison county. The town of Rochester has a population of 500 persons. It is between Melrose, on the Oregon Short Line railroad, and Twin Bridges, on the Northern Pacific, being eleven miles from each, and is connected with both towns by a good wagon road. The mines surround the town, hovering on the hillsides for a distance of three or four miles in all directions. The district was discovered by Zach Mathews and Jack Squires in August of 1866. Those gentlemen located in that year what is now known as the Watseca, which the company with which I am associated is working.

District Is Gold-Bearing. "The district is essentially gold bearing, but with the gold ore there is lead and silver ore. In the southeastern part of the district there are some very fine copper properties, from one of which, known as the Marshall claim, considerable copper ore that averaged 30 per cent, has been taken. "Besides the copper value, the ore carries from \$12 to \$15 per ton in gold, and from 10 to 12 ounces in silver. "The veins of the district are true fissures; are numerous and generally large and well-defined, some being traceable several miles. The formation is gneiss—similar to that of the Pony district, and identical with that of the Galpin, Colo., district. The character of the ore is much like that of the latter district. In the Galpin district the veins have been developed to a depth of 2,500 feet, and are being opened up lower. "The Watseca. "The principal property near Rochester is the Watseca. Since its discovery in 1866, it has been worked to a greater or less degree almost continuously, and has been a large producer of gold ore, but up to the time the company took hold of it, in the fall of 1898, no work had been done below the water level, because the flow of moisture below that point was too heavy for one or two men in ordinary financial circumstances to handle. Since the company took hold of the property, a shaft has been sunk 550 feet on an incline, and more than two miles of underground workings made. Sulphide ore was found at a depth of 350 feet, which is 200 feet below the water level, and has continued as far as the mine has been developed, the ore being fully as rich as the oxidized ore and a greater quantity of it. The vein of the Watseca averages about six feet in width, with an average ore streak of 3 1/2 feet in width in the lower workings. Since the company took the property it has extracted about 30,000 tons of ore, which averaged \$26 in gold per ton. Part of this ore was shipped to an outside smelter and the balance treated in the 50-ton amalgamating and concentrating mill, which the company has on the ground.

New Mill to Be Built. "The developments in the deepest part of the mine have been such that the company is now preparing plans for a mill, with a capacity of from 125 to 150 tons per day. After the new mill is finished, the old mill will be run on custom ore. The present output of the mine is about 55 tons of milling ore per day, but twenty tons per day are shipped. "The Watseca company is composed of A. W. McCune, of Salt Lake, who owns the controlling interest; F. E. Sargent, of Brooklyn, N. Y.; M. B. Brownlee, of Spokane; C. H. Hand, of Butte, and a few others, who hold small interests. "Among the other mines in operation in the Rochester district is the Elgin, which has been a large producer of gold ore and is now being systematically developed by its owners, T. M. Hodgson and John Doe, of Butte. The Elgin will soon be listed among the large producers in the district. It adjoins the Watseca on the northeast and has a large, strong and well-defined vein, similar in character to that of the Watseca. It is being managed by Jack Hoy and is considered a mine of great promise.

The Carpenter Claim. "The Abby-Alice Mining company, of Butte, is operating the Carpenter claim under lease and bond. The Carpenter has been quite a heavy producer of ore and requires only development and capi-

tal to give it a place in the front ranks of gold yielders. "Next to the Watseca in point of production is the Buffalo, owned by Edward Mueller, of Rochester. The property has yielded a large quantity of ore, but is now idle, by reason of a lack of capital with which to extend its workings. The vein is large and well defined and the ore extracted from it carried very good values. "The Thistle lode is developed by a shaft, 300 feet deep, with levels and cross-cuts to match. The vein is strong and the value of the ore exceptionally good. The Thistle is closed down at present, as the owner is a non-resident of the state. It is a property of great promise, and with proper development will become a dividend payer.

The Logfellow. "The Logfellow, owned by J. A. Murray, of Butte, is under lease and bond to Minnesota parties. The mine has yielded a large quantity of good ore, and under the present active management of E. W. Merritt, of Rochester, will soon become a good and steady producer. The vein of the property is large and well defined, with a good ore streak carrying gold, silver and lead. "The Copper property, owned by Cooper Brothers, of Rochester, is developed to a depth of 340 feet. It, too, has been a good producer. It has a 10-foot vein, containing a 2-foot paystreak. The value of the shipping ore is about 70 per cent lead, \$4.50 in gold and 65 ounces of silver.

The New mine, owned by Messrs. Stocker & Lewis, of Rochester, is developed to a depth of 100 feet. The vein is 3 feet wide, with a paystreak from 2 to 3 feet. The average value of the shipping ore is \$60 per ton. The property is now under lease and bond to local parties. "The Blue Jay, owned by John H. Glenn, is developed to a depth of 50 feet, and has a vein 7 feet wide, with a paystreak from 2 feet to the full width of the vein. The ore carries a value of from \$12 to \$20 per ton in gold and 4 ounces in silver. The property is under lease and bond to Messrs. McPherson and Smith, of Rochester.

Copper Basin Claim. "The Copper Basin claim, a prospect in the copper section of the district, has a hole in it 12 feet deep. The vein is large, but of unknown width. In it there are streaks of ore from two inches to a foot in width. The ore has a value of 35 per cent copper, \$12 gold, and 12 ounces silver. It is owned by A. J. O'Green, of Rochester.

"Those I have mentioned are only a few of the many properties adjacent to the town of Rochester. There are many others that have been worked and have produced good ore, but they require capital and intelligent development to transform them into real dividend payers. "All of the foregoing mines will be represented by an exhibit at the mining congress."

That's Why They Are Sore. [BY ASSOCIATED PRESS.] Washington, August 30.—A dispatch received at the Colombian legation here from Governor Salazar, of Panama, dated yesterday, states that the rebel gunboat Padilla was receiving coal and other supplies at the Nicaraguan port of Corinto.

Transport Five Days Overdue. [BY ASSOCIATED PRESS.] San Francisco, August 30.—The transport Buford, which left Nagasaki August 1, is five days overdue. Transport officers think she has stopped at Honolulu for coal.

The Montana State School of Mines third year begins Tuesday, September 9, 1902. For catalogues and terms address School of Mines, Butte, Montana.

Notice of Stockholders Meeting. Notice is hereby given that a meeting of the stockholders of the Samson Mining & Development company, a corporation under the laws of the state of Montana, will be held at room 502 in the Hennessy building, in the city of Butte, Silver Bow county, Montana, on the 13th day of October, 1902, at the hour of 10 o'clock a. m., and that the object of said meeting is to take into consideration a proposition to sell and dispose of certain property of said corporation for the purpose of raising funds with which to pay off the indebtedness of said corporation. The property of said corporation which it is proposed to sell for the aforesaid purpose is particularly described as follows, to-wit: The Samson quartz lode mining claim, the Rosa quartz lode mining claim, the United States Mint quartz lode mining claim, the C. C. quartz lode mining claim, and the Lydia quartz lode mining claim.

All of said claims being located in the New World mining district, Park county, Montana. By order of the board of directors of said Samson Mining & Development company. STEPHEN TREDINNICK, President. L. S. LAHM, Secretary. Dated this 23d day of August, 1902.

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## FIGURES DO NOT GIVE THE VALUE

SECRETARY MAHON SAYS EXHIBITS IN COLUMBIA GARDENS ARE OF INCALCULABLE WORTH.

BUT IN DOLLARS AND CENTS THEY ARE HIGH

About \$100,000 is What He Says They Would Bring in Cold Hard Coin—But as an Advertisement, to Induce Capital to Montana, They Cannot Be Too Highly Estimated, Mahon Thinks.

Secretary Mahon, of the International Mining congress, estimates the actual intrinsic value of the ore exhibit at Columbia Gardens at \$100,000. Its value as an advertising medium cannot be estimated in dollars and cents, in the secretary's opinion, as it may induce almost unlimited capital to the state.

According to Mr. Mahon, the McCormick collection of gold specimens, from the Atlantic Cable mine, at Cable Mont., is alone worth \$10,000, and there are other collections equally valuable and quite as interesting.

They Are Pouring In. From every mining camp and every mining district in the state come samples and specimens that are not only rich in the precious metals, but extremely beautiful. It is beyond doubt the handsomest exhibit, as well as the most valuable, that has ever been assembled in Montana.

"It should be kept together and form the nucleus for the state exhibit at the St. Louis exposition," said Secretary Mahon, in discussing the matter today. "In this way, the money appropriated by the state legislature for exposition purposes can be used in other directions and thus Montana will have a general exhibit probably greater than any other state and costing less money."

The ore is now arriving rapidly, and by Monday noon, it is thought that everything will be in readiness for the spectators and experts, who wish to examine it. It will be a busy time for those who are arranging the display, as each sample must not only be carefully put in its place, but a record kept, giving the character of the ore and a description of the mine and district from which it came.

Washington and Oregon Exhibits. Washington and Oregon are sending an extensive exhibit, and both states will have men in attendance who will explain the character of the ore and give all the details respecting the district formation and any general information that may be of interest to visitors. Nevada, Utah, Colorado, South Dakota and California will also be well represented with samples and specimens from the mines of these states, and they, too, will have gentlemen present who will be pleased to tell visitors all about the Eldorados from which they come.

### GREAT NORTHERN RAILWAY.

Saturday and Sunday Excursions. Basin and return ..... \$1.50 Boulder and return ..... 1.00 Albany and return ..... 2.75 Good going Saturday and Sunday, returning Monday. Basin and return ..... \$1.00 Boulder and return ..... 1.00 Good going and returning Sundays only. Ticket office, 41 North Main street and depot. Butte, Mont., May 5, 1902.

### Special Excursion Train.

Leaves Montana Union depot at 8:30 a. m., Sunday for Weston Springs, Whitehall, Twin Bridges and Alder, returning leaves Alder at 6:00 p. m. Rates as follows: To Pipestone and return ..... \$1.00 To Whitehall and return ..... 1.50 To Twin Bridges and return ..... 1.50 To Alder and return ..... 2.00

### MINING APPLICATION NO. 4554.

Helena, Mont., August 29, 1902. Notice is hereby given that Robert McBride and Jennie Adams, whose postoffice address is Butte, Montana, have this day filed their application for a patent for 1253.1 linear feet, being 85 feet south westerly and 1170.3 feet northeasterly from discovery shaft of the Six Thirty Lode Mining claim, upon which a notice of intention to apply for a patent was posted on the 23th day of August, 1902, situated in Summit Valley (unorganized) Mining district, Silver Bow county, state of Montana, designated as Survey No. 6653, in Township 3 north of Range 7 west, being more particularly described as follows, to-wit: Beginning at the southwest corner, a point in the north side line of Survey No. 6181, a granite stone set in the ground, with a mound of earth and stone alongside, and marked 1-6653, for Corner No. 1, from which the northeast corner of Section 17, Township 3 north, Range 7 west, bears south 28 degrees, 08 minutes and 40 seconds west 1704.5 feet, and running thence south 84 degrees 11 minutes east 245 feet; thence north 70 degrees 20 minutes east 733 feet; thence north 61 degrees 55 minutes east 280 feet; thence north 18 degrees 21 minutes west 380 feet; thence south 70 degrees 22 minutes west 1234 feet; thence south 18 degrees 21 minutes east 325 feet to the place of beginning, containing an area of 11.79 acres, of which 5.20 acres are in conflict with Surveys No. 2834, 2835, 3043 and 4857, not claimed, leaving 6.59 acres claimed by the above-named applicants.

The location of this claim is of record in the Recorder's office of Silver Bow county, state of Montana, in Book "P" of Lode Locations, on Page 32.

The adjoining claims to these premises are Survey No. 2834, Cook Lode, and Survey No. 2835, Fredericksburg Lode, on the north; Survey No. 3043, Black Chief Lode, on the southeast; Survey No. 4857, Keokuk Lode, on the south; Survey No. 6181, Morning Star Lode, on the southwest, and Survey No. 4043, East Golden Chief No. 2 Lode, on the west.

FRANK D. MIRACLE, Register. Samuel Barker, Jr., Attorney for Applicants. [First publication, August 30, 1902.]



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**WE CURE RUPTURE IN SIXTY DAYS** It will be to the interest of every one who is captured to come and see us before throwing any more money away on cures. Our method of treating will contract the dilated-rupture opening, and restore it to the normal condition. There is no operation which will produce the same satisfactory results; nor does the treatment interfere with your usual occupation. Perfect protection from the very first. We have many patients in Montana and vicinity who can and will certify to the merit will cure you, and cure you PERMANENTLY.

**WE CURE SPECIFIC BLOOD POISON IN NINETY DAYS** Our special form of treatment for this disease is practically the result of our life work, and is indorsed by the best physicians in this and foreign countries. It contains no dangerous drugs, and forces out every particle of impurity. Soon every sign and symptom disappears completely and forever. The blood, the tissue, the flesh, the bones, and the whole system are cleansed, purified and restored to perfect health, and the patient prepares anew for the duties and pleasures of life.

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Range 8 west, bears south 75 degrees 44 minutes west, 565 feet, and running thence north 79 degrees 10 minutes west, 1258.5 feet to the Southwest Corner No. 2; thence north 3 degrees east, 136 feet to Corner No. 3; thence north 29 degrees 21 minutes east, 431 feet to the Northwest Corner No. 4; thence south 79 degrees 12 minutes east, 1499 feet to the Northeast Corner No. 5; thence south 20 degrees 21 minutes west, 564 feet to Corner No. 1 and place of beginning, containing an area of 10.14 acres, of which 7.77 acres are in conflict with Survey No. 4810 and is not claimed, leaving an area of 15.77 acres, claimed by the above-named applicant for patent. The location of this mine is recorded in the office of the recorder of Silver Bow county, on Page 417 in Book R of Quartz lodes. The only known adjoining claim is on the Northeast Survey No. 4840, the Carrie lode. FRANK D. MIRACLE, Register. JOSEPH H. HARPER, United States Claim Agent. Date for first publication August 15, 1902.

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H. F. RUGER, Agent, 30 East Broadway, Butte, Mont. H. R. SECUR, General Agent, Billings, Mont.

## B. A. & P. R. R. CO. TIME TABLE.

Train connecting with Eastbound N. P. leaves Anaconda for Durant at 2:35 a. m., leave Durant for Anaconda at 3:10 a. m. Trains Leave B. A. & P. Depot, Butte for Anaconda, as follows:

7 a. m., 10 a. m., 12:25 p. m., 5:15 p. m., 11:30 p. m.

Trains Leave Union Passenger Station Anaconda, for Butte, as follows: 8:30 a. m., 11:30 a. m., 2 p. m., 7:15 p. m. Connections will be made with all Northern Pacific trains, both East and Westbound, at Durant, instead of St. Paul.

TRAINS LEAVE Anaconda To connect at Silver Bow with Oregon Short Line at 3:30 p. m. Trains leave Anaconda 8:30 a. m., 7:15 p. m., to connect with Great Northern Railway at Butte.

Tickets for sale for all points, local and through, on the Great Northern Railway, Oregon Short Line Railroad and Northern Pacific Railway and their connections. Steamship tickets for sale to all points in Europe via the above lines.

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No. 14—To all points east ..... 8 40 pm

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No. 6—From all points west and to N. P. points to Billings and all B. & M. R. points ..... 12 40 am

Passengers for Norris and Pony and Alder branches leave Butte on No. 14, connecting at Whitehall and Sappington for branch line points. Passengers from these points connect at Sappington and Whitehall, arriving at Butte on No. 5. W. H. MERRIMAN, General Agent, Corner Park and Main streets.

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