



BOHEMIA NUGGET.



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NO. 37

Mines and Mining

Devoted to Bohemia Notes and Items of general interest to Mining Men.

SUNRISE MINING PROPERTY.

F. Le Sueur, who has been a resident of Emerald, Grand Forks county, for something like twenty years, made arrangements with President Lovelace of The Sunrise Mining Co., to go out with him to make an examination of the Oregon properties which are located twenty-five miles from Cottage Grove, in the Bohemia Mining District.

Mr. Le Sueur has gained his experience with the pick and shovel by long years of work in the mines of Montana, Idaho, California and Arizona.

A week ago last, Sunday President Lovelace and Mr. Le Sueur started out over the North Pacific and reached the Sunrise mines, July 20, where they spent a week or more in examination of the property in which a large number of our North Dakotans are interested. Mr. Le Sueur reached Fargo this morning on his return, and says:

"I began by a walk of three miles from the stage line stop, up to the base of Adams Mountain on which the Sunrise property is located, and made an examination of the vein, the length of the holdings of the Sunrise property being a distance of about 6,000 to 8,000 feet, southeast and southwest. They have tunnels and open cuts varying in distance about 500 feet apart along the vein, and varying in depth from 300 to 800 feet. The first cut examined was on the southeast holdings of the company, and I found an open cut in the vein of about thirty feet, in which showed slight traces of free milling ore, with a vein varying in width from three to nine feet of base ore, and the base ore gives indications of holding free gold all the way through.

"The next was a tunnel run 350 feet into the mountain, following the full distance, showing a vein from five to nine feet wide, and a vein of ore that I would estimate would run from \$22 to \$35 a ton in gold, with traces of copper. In this tunnel I found a crosscut leading to another vein of ore of the same quality of about four feet in thickness, with an angle showing that it is part of the mother vein, that runs some distance deeper, and also found that the filling between these two veins carries gold.

"The next open cut was almost on the top of the mountain, and about 100 feet from the surface. I also took samples of this, washed and crushed it, and found free gold.

"I examined a number of tunnels and open cuts, with all the same indications. From my experience in mining, and looking over mining property, I find from the indications there, that these two veins are going to form on at some slight depth lower, than they have touched, and indications that the vein will be much richer as it goes down. I think from indications the claims will be almost exclusively base ore producers, which in mining parlance means an ore that has to be smelted to separate the gold from the other minerals contained in it.

"I am greatly surprised at the outlook and the property I examined there, and I have been over the entire holdings of the Sunrise Mining Co., which are located on the base of Adams Mountain, in the Bohemia Mining District. The railroad is already running to Cottage Grove, within twenty-five miles of the mines, and a new branch is now being built, and the rails are laid to within eighteen miles of the mine, and when completed will be within one-quarter of a mile, which gives every facility for the transportation of the products. This branch line is now being constructed—they had laid some four miles of track when I was there.

"They are arranging for stamp mill and concentrating tables. They have immense quantities of ore in sight on the dumps, and will be prepared to ship the concentrated ore to the smelters as soon as the machinery is in working order.

"The ore is in sight in immense quantities, and as soon as the machine can turn out the concentrated ore, the railroad will carry it to the smelters, and then the mines will be on a dividend paying basis, and with every indication of an immense supply of ore.

"In connection with the ore they have an inexhaustible amount of timber right at hand for all purposes, including construction of buildings, and the conditions are such that the mines can be operated the year around.

"The contour of the mountains is such that tunnels can be run in any direction and thus drain themselves, doing away with all machinery and labor in that connection.

"President Lovelace I find to be an

industrious, hard-working man, who is doing all that he can to bring about success, and those interested in the Sunrise Mining Co. are to be congratulated on having such a favorable outlook, and so excellent a management.

"I go out to my home, where, after a visit and rest, I shall probably return west, as I am interested in a number of mining operations in Montana and about there.—Fargo, N. D., Forum and Daily Republican.

Cheap Gold Mining.

The Governor of Alaska, recently stated that the company owning the Treadwell mine on Douglas Island, has adopted an improved method of mining which reduces the cost to 66 cents per ton, says the Chronicle. The cost of producing gold from this big quartz deposit hitherto has been in the neighborhood of \$1.10. At the latter rate a large annual profit has been obtained from the operation of 550 stamps on ore bearing an average of less than \$2 per ton. If the new processes discovered for reducing the ore will really not exceed a total cost of 66 cents per ton, it means not only a cut of nearly one-half on the expense of mine and mill operation, but it brings within the field of profitable reduction a vast amount of quartz which under former conditions would be classed as virtually barren and worthless.

The new process referred to by Governor Brady will make one-dollar ore profitable to work, and in the case of the Treadwell mine the dollar standard will add millions of tons of available quartz "in sight" to the corporation's stock. No one save a practical miner can fully comprehend the significance of a profit in dollar ore, if the new Treadwell process can be applied in Oregon and it probably can, it will bring into the field of active operation an indefinite volume of gold-bearing quartz which now affords no profit under the methods employed here. There are innumerable quartz veins of enormous bulk in this state which carry from \$3 to \$5 per ton of gold, but with one or two exceptions the cost of mining and milling has been higher than the value of the mineral contents of these big ore bodies. They have been condemned, as unavailable. If a 66 cents per ton process can be applied to them, these big quartz deposits will possess a commercial value which cannot be assessed at and the gold-quartz resources of the state will be tremendously expanded. If it can be applied to the mines operated on the mother lode, it will make it profitable to extract every pound of ore lying between the walls of that great fissure vein, and it will also pay to mine and reduce much of the slate formation in its neighborhood, which is gold-bearing. The cost of mining and milling on that lode has been cut down from about \$9 twenty-five years ago to \$2.25 at present, and now \$4 is worked at a profit. But there is a vast reserve in the vein, carrying from \$2 to \$8 per ton, which nobody can afford to touch with a \$2.25 process, all of which will yield a big profit for working if the processes of the Treadwell mine can be applied to it. Gold-quartz mining has reached a wonderfully fine point when the cost of winning the precious metal from its matrix is reduced to 66 cents per ton.

Fooled An Assayer.

A mining prospector down in the Grants Pass country, who knows a little more than many of us about the weakness and temptations of mineral assays in Portland, had become dissatisfied with the reports made on samples which he had sent to the city for examination. He had been asked to send additional samples of his ore until he was getting weary of the business. One day in a spirit of levity he picked up a broken piece of grindstone which happened to be lying around the railroad station. He sent this sample to the mineral assayer and called for a report.

The return was not just what he had reason to anticipate. The assayer found that the sample yielded something like \$27.63 to the ton in gold, with tracings of silver and other minerals.

The poor prospector, after thinking over the astounding report, decided that the assayer did what had been done before—he had not tested the sample thoroughly, but passed snap judgment on it and reported a very high assay in order to encourage the prospector. The next thing the prospector did was to box up 75 pounds of the grindstone and send it to the assayer, who had to pay the express charges. The prospector wrote the assayer a letter, and advised him that his assay was exceedingly flattering, and that as it looked so good to him he could have any quantity of the same kind.

FIRST CAR OF PIANOS AND ORGANS.

Shipped to Cottage Grove Received by T. K. Richardson Wednesday.

ARE NOW BEING UNLOADED AND PLACED IN NEW BRICK ON MAIN STREET.

A car load of pianos and organs the first ever shipped to this city, arrived Wednesday from Chicago billed to T. K. Richardson, who also shipped the first car load ever brought to Roseburg. Call and see them. All sizes, shapes, colors and makes, all artistic and new. Prices to suit the times. Display in Dr. Wall's new brick on Main street, Cottage Grove.

NOTICE FOR PUBLICATION.

United States Land Office, Roseburg, Ore., June 26th, 1902. Notice is hereby given that in compliance with the provisions of the act of Congress of June 3, 1878, entitled "An act for the sale of timber lands in the States of California, Oregon, Nevada, and Washington Territory," as extended to all the Public Land States by act of August 4, 1892, Gust D. Lundin, of Hoquiam, County of Chehalis, State of Wash., has this day filed in this office his sworn statement No. 2818, for the purchase of the E & SW 1/4 & Lots 3 & 4 of Section No. 18, Township No. 29 S, Range 6 W and will offer proof to show that the land sought is more valuable for its timber or stone than for agricultural purposes, and to establish his claim to said land before Marie L. Ware, U. S. Commissioner at Eugene, Oregon, on Friday, the 19th day of Sept., 1902.

He names as witnesses: Fred P. Hurst, Mrs. Weber, of Aurora, Marion Co., Ore.; Al Hampton, Alex Mathews, of Eugene, Lane Co., Ore. Any and all persons claiming adversely the above-described lands are requested to file their claims in this office on or before said 19th day of Sept., 1902. J. T. BRIDGES, Register.

NOTICE FOR PUBLICATION.

United States Land Office, Roseburg, Ore., June 16th, 1902. Notice is hereby given that in compliance with the provisions of the act of Congress of June 3, 1878, entitled "An act for the sale of timber lands in the States of California, Oregon, Nevada and Washington Territory," as extended to all the Public Land States by act of August 4, 1892, Gerard Strating, of Pease, County of Middlesex, State of Minn., has this day filed in this office his sworn statement No. 2717, for the purchase of the SE 1/4 of Section No. 22 in Township No. 22 S, Range No. 6 W, and will offer proof to show that the land sought is more valuable for its timber or stone than for agricultural purposes, and to establish his claim to said land before Marie L. Ware, U. S. Commissioner at Eugene, Oregon, on Wednesday, the 11th day of Sept., 1902.

He names as witnesses: Henry Strating, of Pease, Minn.; C. E. Trombull, John Wagner, Lee Allen, of Drain, Oregon. Any and all persons claiming adversely the above-described lands are requested to file their claims in this office on or before said 11th day of Sept., 1902. J. T. BRIDGES, Register.

If in need of dental work call on Dr. Macy, now permanently located in the Dr. Snapp building, Main St., Cottage Grove, Oregon.

NOTICE FOR PUBLICATION.

United States Land Office, Roseburg, Oregon, July 30, 1902. Notice is hereby given that in compliance with the provisions of the act of Congress of June 3, 1878, entitled "An act for the sale of timber land in the States of California, Oregon, Nevada and Washington Territory," as extended to all the Public Land States by act of August 4, 1892, Gust D. Lundin, of Hoquiam, County of Chehalis, State of Wash., has this day filed in this office his sworn statement No. 3082, for the purchase of the SE 1/4 of Section No. 6, Township 22 South, of Range 6 West, and will offer proof to show that the land sought is more valuable for its timber or stone than for agricultural purposes, and to establish his claim to said land before the Register and Receiver of this office at Roseburg, Oregon, on Friday, the 17th day of Oct., 1902.

He names as witnesses: Joel P. O'Brien, Andrew Lundberg, of Aberdeen, Wash.; George W. Shaw, of Hoquiam, Wash.; Charles Trumbull, of Drain, Oregon. Any and all persons claiming adversely the above-described lands are requested to file their claims in this office on or before said 17th day of Oct., 1902. J. T. BRIDGES, Register.

GRAND PRIZE BALL



Will be given at the
**OPERA HOUSE,
COTTAGE GROVE,
FRIDAY EVENING, AUGUST 15.**

\$50 IN PRIZES GIVEN AWAY \$50.
First Prize, for the most beautifully dressed Lady, \$20; 2nd \$10, 3rd \$5.
A Fine Mandolin for best Gent and Lady Waltzer.

A beautiful fan for the best Lady Waltzer, by Garman & Hemenway; Best Gentleman Waltzer, Fine Silk Handkerchief, by Thornton of Racket store; Fine Box of Stationery, second best Lady Waltzer Benson Drug Co.; Fine watch fob chain best Gentleman two-step by H. C. Madsen, Jeweler; Good Buggy Whip to party driving greatest distance to ball, Geo. Meiner. Edgar Willson's restaurant gives an Oyster supper to the lady and partner winning first prize for finest dress; Ben Lurch, 1 fine white Parasol to 2nd best couple waltzers; New Era Drug Store, prize, contents unknown, to the lady dancing all dances, no two with same partner.

Other Prizes, to be given by merchants, will be announced later.

Dance Tickets 75cts. Lady Dancers Free. Spectators, Lady or Gent, 25cts.

We are offering greatly
Reduced Prices in many
Lines of Goods to make
Room for our

FALL STOCK

Which is now arriving Daily. Shirt Waists
at Less than Cost.

Big Bargains in Ladies Shoes
till September 1st.

The only Complete Line of Gents' and Boys' Collars in Town.

EAKIN & BRISTOW.

Garman & Hemenway's

MID-SUMMER CLEARANCE SALE

COMMENCING JULY 5,

To make room for our Large Stock of Fall
Goods, now Ordered, will give a Discount of
From 10 to 25 per cent. on all Odds and Ends.
This will be a Money-Saving Proposition to you.

GARMAN & HEMENWAY LEADERS IN MERCHANDISING
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HIGH GRADE PIANOS AND ORGANS

Direct from the Factories;

We are sole Agents for Oregon and can save you the middle man's profits. We will take your old Piano or Organ in part payment for a new one and let you pay the balance in small monthly, or yearly payments. We are the sole Agents for the celebrated TROWBRIDGE Piano. Write us for Catalogue and prices.

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Also own and operate the Bohemia and Black Butte Stage Lines

First-Class Turnouts, Double or Single.
Reasonable Prices

YOU'LL FEEL AT HOME

At the **IMPERIAL HOTEL.**

Where the meals are well cooked and well served and the beds are good.

ITS CLEAN THROUGHOUT.

And you'll find everything home-like without home inconveniences. Come and stay as long as possible.

FINE LARGE SAMPLE ROOMS

Free to our Commercial Trade. Try our Sunday Dinner. The best ever Served in any Hotel in the City.

N. D. HARDY, M'gr.
COTTAGE GROVE, OREGON.

A. H. KING
Attorney at Law,
COTTAGE GROVE, ORE.

J. E. YOUNG
Attorney-at-Law * * *
—Office on Main street, West side—
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Fine residences, choice lots, business blocks for sale Jerome Knox & Co.