



**BOHEMIA
MINING DIST.**

**News From Bohemia and the
Various Mining Camps of
Oregon and Other
States.**

W. F. Shanfelt, the photographer, went up to Wildwood Saturday to take some views. While there he secured a picture of the six horse team as it was starting for the Vesuvius property with one of the mortars for the mill.

F. J. Hard returned from Portland Friday and on Saturday went on to Bohemia. At Wildwood one of the mortars for his mill which weighs about three tons was loaded onto a wagon and with 8 good horses started for the Vesuvius mine, the other mortar went up some days before. Nearly all of the heavy machinery is now on the ground.

Mr. E. G. Reinert, of the Daily Mining Record of Denver, and who is traveling throughout the Northwest in the interest of his paper, arrived in Cottage Grove Friday and spent Saturday up Row River, returning to Portland Sunday morning. Mr. Reinert will next week visit Bohemia district and look over that country until time to go to the American Mining Congress in Portland the 22nd of the month.

W. D. B. Dodson for some years past the editor of the Blue Mountain American at Sumpter, but who has accepted a position on the Oregon Daily Journal of Portland as mining reporter, after a visit to Blue River came to the city Sunday and on Monday went up to Bohemia. He will visit all the mining districts in this portion of Oregon so as to write intelligently concerning them. Mr. Dodson is thoroughly familiar with the mines of Eastern Oregon and is one of the best mining writers in the state.

W. F. Wyatt, one of the energetic prospectors and miners of Bohemia and owner of some 10 claims in that district came to the city the first of the week.

Mr. Wyatt has been driving a tunnel on the Black Bell claim and is now in a distance of about 150 ft and has had mineral the most of the way. Recently however, he has opened up a ledge of several feet of a fine looking honey-combed quartz, a large sample of which he brought to the Nugget office. Every tunnel we learn of in the district which is driven on the vein as it gains depth shows an improvement.

Mr. G. B. Dennis, of Spokane, a brother of W. B. Dennis, owner of the Blackbutte Quicksilver Mines, passed through the Grove Tuesday on his way home after visiting with his brother at Blackbutte. Mr. Dennis is one of the prominent mining men of the Northwest and is president of the Northwest Mining Association. He expressed surprise at the amount of cinnabar ore ex-

posed in the Blackbutte mines and believes it is one of the great quicksilver properties in the United States. Mr. Dennis will attend the American Mining Congress to be held in Portland the 22nd inst and states there will be a large number of prominent mining men from his section in attendance.

The regular meetings of the Commercial Club are becoming quite interesting. At the last meeting there was a large attendance of the members and following the regular order, matters pertaining to the business interests of Cottage Grove and the mining district of Bohemia were taken up and discussed. President Campbell made some timely suggestions, which led to good talks by F. J. Hard, Marvin Veatch, Geo. Comer, Frank Wheeler and others. Outside of the social features and the entertainment of visitors from abroad, it is proposed the Club shall attend to such matters as are usually left to Boards of Trade etc. The next meeting will be Friday evening August 19th. All members requested to be present.

For more than a quarter of a century Leadville, Colo., has been a steady producer of lead, gold, silver, copper and zinc. The total output was estimated January 1, 1904, at about \$10,000,000. Since then the monthly output has exceeded 60,000 tons of ore, being in June 66,000 tons. The developments of the past few years in Leadville have extended the known area of profitable mineral, and it is probable that its limitations have yet been fixed, and still further extensions may be anticipated. The history of Leadville has been a most interesting one. At first a placer gold camp, later a producer of rich silver-lead ores, and the past few years, by reason of the constantly expanding operations, it has been able to maintain a large output of both precious and base metals. Many important changes in lead smelting and refining have been the result of the experience gained in that district, and it is likely to have an era of long continued prosperity.—Mining and Scientific Press.

Mr. C. H. Reeves and his son A. E. Reeves, of Wallace, Idaho, were registered at the Graham this week. Mr. Reeves is one of the original owners of the now celebrated Hercules mining property in Idaho. For eleven years he with others whose faith never wavered continued work upon their property before it became a producer but at last their reward came and it is producing about 100,000 per month, which after paying operating expenses and adding to a sinking fund, pays to the fortunate owners from \$50,000 to \$70,000 per month in dividends.

The Hercules Company has purchased a large interest in the Selby smelter of San Francisco and ships its ores to that point. Besides doing the smelting business the Sibley Smelter Company, also manufactures many articles which are made from lead such as shot, sheet lead etc. The gentlemen are taking a leisurely trip on their way home in order to see the country, especially this portion of Oregon.

**SEES A
GOOD FUTURE**

**What a Mining and Milling Man
of Experience Thinks of
Bohemia.**

To the Nugget—

The Bohemia mining district of central Oregon (known and worked in a desultory and spasmodic manner for many years) is now attracting the attention of the public, not those who mine the public but the energetic, practical investors who run tunnels, sink shafts, build mills and run them for the profit gained from the production of precious metals.

This district is situated partly in Lane and partly in Douglas counties in the Calapooia Mountains, which form the divide between the Umpqua and the Willamette rivers and is one of the numerous ranges forming the inter-mountain country of Western Oregon, connecting the Cascade and Coast range.

The district centers about the three peaks of Bohemia, Fairview and Grouse mountains. A gigantic uplift or overflow of Andisitic rocks, but good finds are being made as far south as the Umpqua river and there is a continuous belt of mineral as far as Blue River, forty miles to the north.

What has attracted the greater attention, however, is the field on and about the three peaks heretofore mentioned where veins of from four feet to thirty and forty feet wide are exposed and have produced some fabulously rich ore from shallow workings.

These veins are true fissures, most of them lying along dykes of trachyte, diorite and diabese, and can be traced for miles across the mountains and there can be no question of their permanency in depth.

The ores are complex in their character, and are a replacement of the dyke material forming the original fissure, it being very easy to trace the transition from original rock to the silicious oxides and sulphides of iron, copper, zinc and which carry the gold and silver values.

In many places on the surface the ores are very thoroughly oxidized and the gold is free milling, being easily saved by amalgamation, but the chief value will be found in the sulphides as depth is attained and concentration, with a subsequent treatment of sulphides, according to their physical and chemical properties, will be the metallurgical problem. This will not be difficult to solve, as part of the mines have copper as a base for smelting, others have lead, copper and zinc as a base, which can be worked in a lead furnace, after magnetic separation, giving as by-product a clean, high-grade zinc concentrate, which metal is becoming more valuable as the years roll by. Still another part of the veins are comparatively free from either copper, zinc or lead, and such concentrates can be treated by chlorination or cyanidation, after roasting, as they consist of iron

sulphide. The topographical features are of the best for easy and economical mining, the mountains are high and steep and the mines can all be worked through tunnels to a depth of from one thousand to three thousand feet and that by comparatively short tunnels.

The district is well watered, large streams flow south, west and north which carry sufficient volume of water to furnish a surplus of electrical power easily transmitted where wanted; while near the mines there is sufficient water to supply mills of any size.

One feature that plays an important part in mining is the timber used in mines, mills, and for fuel and here is to be found such an abundance of it that the supply can never be exhausted, and the quality is of the very best, consisting as it does of red, yellow and white fir, sugar pine, cedar, larch and hemlock. There are single acres that will cut 300,000 feet of good lumber, and, as an example, at the Vesuvius mine a saw-mill set at the mill site has cut enough lumber to erect a ten-stamp mill and yet has not used more than one half the logs that are actually in the way of the mill.

Geographically the district has many advantages, being only thirty five miles from the Southern Pacific Railroad at Cottage Grove and half of this distance is now covered by the O. & S. E. R. R., from that point, and is only two hundred miles from deep sea transportation which ensures cheap supplies, and transportation of product.

There are many promising mines in the district. The Helena and Musick owned by the Oregon Securities Company have produced well. The Golden Slipper owned by Eugene and Cottage Grove people shows well as development progresses.

The Riverside Group owned by the Riverside Mining and Milling Company, F. J. Hard, manager, is showing large bodies of fine milling ore, and will soon be among the producers.

The LeRoy group on Champion creek has a large amount of development.

The Crystal is another promising property with stamp-mill about ready to run.

The Glenwood group below the Vesuvius is among the promising prospects and the Baltimore group on Sharp's creek is showing well.

The Oregon-Colorado group owned by a company of that name and the Vesuvius group owned by the Vesuvius Gold Mining Company Mr. F. J. Hard, manager, are coming to the front rapidly.

The Oregon-Colorado is a copper mine with good values in gold and silver. The vein is opened by two tunnels. The upper tunnel is 450 feet long and attains a depth of four hundred feet from the surface and shows from four feet to fifteen feet of ore, assaying from 3 per cent to 7 per cent copper and is adapted to concentration. The lower tunnel has a length of eight hundred feet, and nearly all in fine ore, and there are several hundred tons on the dump ready for the mill.

This tunnel attains a depth of over nine hundred feet from the apex of the vein, at which depth the ore is from two feet to twenty feet wide and will concentrate about six to one making from \$75 \$100 concentrates.

A wagon road has just been completed to this property and a short time will see one of the finest reduction plants in the state in active operation.

The Vesuvius is one of the best free milling and concentrating mines in the district, and is opened by two tunnels three hundred and fifty feet apart vertically, connected by an upraise, from which some drifting has been done, disclosing large bodies of good milling ore.

No. two level is in on the vein 765 feet and discloses continuous ore of good grade from two feet to nine feet wide.

Another tunnel, partly a cross-cut is being driven about one thousand feet lower than No. 2, and will soon reach the vein, but in the upper workings there is enough ore in sight to keep the ten-stamp mill at work for years.

A new stamp mill is about completed on this mine which will be a model in every respect and under the able and careful management of Mr. Hard a glorious future is promised to the fortunate owners. W. W. HOOPER.

E. D. Cenny, a mining man, who has an interest in some good mines in Blue River, was in the city yesterday. He says great activity prevails in the district. There are more miners in the district now than ever before in the history of the district. He says a new mill is going in on the Republic—Rugene Register.

**MINING
CONGRESS.**

**Col Irwin Mahon Addresses
Oregon State League,
Part of Speech.**

At the session of the Oregon Development League recently held in Portland, Col. Mahon addressed that organization on the subject of the American Mining Congress to be held in Portland beginning the 22nd of August, in part he said:

"To directly and indirectly realize desirable results, in a local way, from the holding of a session of the American Mining Congress, the citizens of the state in which the assembly convenes should, from the moment their invitation is accepted, enter into the spirit of the enterprise with all possible enthusiasm. It is for them to inject into the matter not a passive, but a most harmonious, energetic and enlightened activity. In this way, and by a comprehensive exhibit of facts as to resources and advantages there is no question whatever but just the interest will be created that is most desired and desirable, namely, the greatest amount of good to the greatest number.

If you have watched the newspapers of Portland closely, during the past six months, you have already learned through interviews of reporters with gentlemen from that state, that nothing was of such vast general benefit to South Dakota during the past 25 years as was the holding of the sixth annual session of the American Mining Congress.

There is no mystery whatever surrounding such co-operation with the Congress; nothing exaggerated or impossible, any more than there is mystery and impossible things surrounding the natural and other resources and advantages of Oregon."

HIAWATHA GROUP.

Development of the Hiawatha group of mining claims is again under way. Mr. Alfred Johnson having started up operations this week with a crew of several men, and some good strikes of ore on the property may be expected at any time.

This promising group of claims, 5 in number, is owned by the Hiawatha Mining and Milling Company, having its office and principal place of business in this city, and has been organized since December 1901, shortly after which time it acquired its present property. During all this time the Company has been steadily developing the property showing up good bodies of merchantable ore carrying good values.

The business management of the company is vested in a Board of Directors consisting of J. E. Russell, Alfred Johnson and C. J. Howard, all careful business men with considerable experience in mining, who are handling the affairs of the company on a good solid business basis.

Eastern Capitalists have recently become interested in the Company and are investing in the treasury

stock which will insure sufficient funds in the treasury to keep up steady development on the property and the management have considerable hopes that within the space of a few months the property will be numbered among the list of Oregon dividend payers.

The development work thus far has demonstrated that the ore is on the property in paying quantities and all that is necessary now is funds sufficient to do the preliminary work of installing machinery for the hauling of the ores and driving the tunnels ahead until returns can be had from the ore.

REV. DR. H. E. WARNER

Outline of the Fourth Sermon to the
Bohemia Miners, Sunday the 7th.

Text: John 19, 38: "Being a disciple of Jesus but secretly for fear of the Jews."

STANDING OUT FOR CHRIST.

The world wants men of colors. The call is for men of positive, unshakable principles. The uncertain undeclared man is at a discount. God, too, wants men of decision for him. The secret disciple, unwilling to declare himself, is not the man that wants the need of today. Standing out for Christ is the grandest act of man.

It rises out of a deep conviction that it is right. Multitudes today in their inner consciousness know that it is the right thing. But they shrink from it as did Joseph of Aramathea. It embarrasses us with our associates. It invites their criticism and ridicule. It makes a break with the old life necessary. It makes us afraid and we are disciples but secretly.

But there are great reasons for so standing out for Christ. It is the only manly, consistent thing to do. We despise ourselves for not doing it. We need to do it for our own good. We can only grow in nobleness by being outspoken. The world needs it. It is the only way we can help men. Jesus makes our hold on eternal life to be such open confession to him. Let us stand out in fearless expression of our surrender to Christ and our loyalty to our better selves.

About fifty were present. Considering the intense heat of the afternoon and the distance some had to come it is quite remarkable that such a large audience should gather, still the class of sermons and style of delivery, has made for Dr. Warner a friend of every miner in the district. His announcement that this is his last sermon before returning to his home in Colorado was heard with much regret. Your correspondent wants to say right here that if you think the miners of Bohemia are a set of hoodlums devoid of appreciation of all that is right, good and pure you are mistaken. It was fortunate to have a devoted man like Dr. Warner in our midst even for a short month, his words and influence will last even if he has gone.

One of the busy places along the line of the O. & S. E. railroad is Dorena, where the Dorena Lumber Company is operating. The saw mill is situated some two miles from the railroad and the lumber is sent down by flume, where it is planed, kiln-dried and made ready for the market.

**TO BEGIN
NEXT WEEK.**

**First of Six Stories of Bohemia
By Rev. Dr. Warner will
Appear Next Week.**

DON'T MISS THEM.

A series of six stories from the pen of Dr. Horace E. Warner, of Denver, Colorado, about the Bohemia district from observation during his summer vacation passed in the camp, will commence in next week's issue of the Nugget and continue each week.

Title of chapters,
1. The Two Sentinel Peaks.
2. The Gateway to the District.
3. The Grim Bridal Pair.
4. The Making of a Mine.
5. Storming Both Slopes.
6. The Man Behind the Mine.
The editor considers the articles master works in literature and the bringing out of our great Bohemia district in the story form a great "hit" and one that will be read, re-read and talked about far and wide. Why not send these six papers to friends and acquaintances in the East, subscription price for six weeks 25c. Send address and money or call at the office early. The large demand will necessitate many extra copies, order early for your friends, and also be sure to secure the Nugget containing these articles for yourself.

PROBABLE FATAL ACCIDENT.

A very serious accident occurred at Booth and Kelly's logging camp about five miles from Saginaw at 11:30 Tuesday. The tripline broke and the "dog" struck Max Staudacher, a lad of about 16 years of age in the face, breaking his jaw and causing a slight indentation in the forehead. The boy was rendered unconscious and has been in that condition ever since. Dr. Hockett of the Grove was called and at once went to the scene of the accident. On Wednesday a box was made the water turned from the flume and the young man was dragged down the flume to Saginaw, where he was taken to the Eugene hospital. Dr. Pain performed the necessary operation and everything done for the relief of the sufferer. There is but little hope of his recovery.

The Nugget urges all miners to make a special effort to get samples of their ores to Cottage Grove in time to send to the exhibit at Portland. Many hundreds of mining men will be there and will want to know about Bohemia. Get them to the Grove and the committee will do the rest.

Ferdinand Miller came down from Bohemia Thursday. His brother James C. Miller remaining at their properties on Frank Brass creek, Mr. Miller will return in a day or so. The most of the work done so far this summer has been prospecting, but they will soon begin development on the veins.

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