

The Slogan Pages Are Yours; Aid in Making Them Helpful to Your Wonderful City and Section

EDITORIAL

SALEM WILL BE A MINING CENTER

We are one year nearer to the time when Salem will be a great mining center. And more assured of this certainty than ever before.

And that vision is coming true. It is a near vision now. During the past two years there has been carried on really scientific development work under the direction of an eminent mining engineer, William J. Elmdendorf of Seattle—

And he does not guess. No capable mining engineer does. He digs and samples. He goes to the bottom. He thought, from the surface indications and the development work already done, through a series of years, that there might be values worthy of making a mine on the Little North Fork of the Santiam river, where Gold creek puts into that stream.

Then he directed the sinking of a winze or shaft. It is now down to the 100 foot level, and the showings have grown better with every foot of depth.

It has been a long wait. The pioneers knew mineral values existed in that region—

And there is a story to the effect that the trappers of the Hudson's Bay company, in the days before the first settlements in Oregon, used lead from the ores of the Santiam country for making bullets for their muzzle-loading muskets.

There was a time, in the early days of the settlement of the Willamette valley, when the whole of the Little North Fork of the Santiam river, from the old Elkhorn postoffice to the mouth of Gold creek, was staked out in placer claims; and other placer claims were worked at intervals as far down as Mehama—and a good deal of gold was recovered in this way—estimated at \$50,000 to \$100,000 as a total.

Then came a long series of years during which many mining claims were staked out throughout that region, and development work was kept up, and some ambitious efforts were made in those hard years at treating the ores on a commercial scale—

But the ores and combinations were such that all these efforts were foredoomed to failure, because mining science had not yet advanced to the point where there could have followed success—

But in late years there have been discoveries in this field that make the treatment of the ores of that region not only practicable, but very desirable; for the fluxes are such that the smelters want those ores and will encourage their shipment.

Also, during the long, hard years of prospecting and holding the claims, and attempting to do some commercial mining, the question of transportation was one of the most difficult ones for the district. One company, the Black Eagle, expended a fortune in literally hewing and blasting out of the solid rock on the sides of the mountain a wagon road in the canyon of the Little Fork of the Santiam, to within a couple of miles of the mouth of Gold creek.

The long wait is about ended— Salem will wake up one of these mornings and find a great mining region at her front door.

Keep your eyes on Mount Jefferson. A great mining district is in the shadows of that snow capped sentinel of the Cascades.

Advertisement for OIL-O-MATIC, Oakland Pontiac, Sales and Service, VICK BROS., High Street at Trade, THEO. M. BARR, Phone 192.

Advertisement for Larmer Transfer & Fuel Company, We handle Castle, Gate, King, Rock Spring Coal and Gasco and Diamond Briquets, Also coal specially designed for chicken brooder use. TELEPHONE 930.

SALEM DISTRICT INDUSTRIES

Ninth Consecutive Year

THE STATESMAN dedicates several pages each week in the interest of the fifty-two to a hundred basic industries of the Salem District. Letters and articles from people with vision are solicited. This is your section. Help make Salem grow.

SALEM HAS A GREAT MINING DISTRICT AT HER FRONT DOOR IN THE SANTIAM SECTION; AND DEVELOPMENT WORK POINTS TO GREAT THINGS THERE FOR VERY NEAR FUTURE

The Shaft Being Sunk to Reach the 100 Foot Level is Now at That Point, and It Shows Richer and Richer Ore All the Way Down—With a Depth of Seven More Feet, to Give Working Room, There Will be Drifting, and if the Veins Widen Out, as Expected, There Will Result Actual Shipping of Ores to the Smelter, Which It is Likely May be Done at a Profit, Leading to the Rapid Opening Up of Big Operations—The Best Engineers in the Country Say There are Prospects for a Rich Mining District.

One more shot. One more requisite large body of this ore blast of powder in the winze will be developed. That the ore (shaft) being sunk in the mine of the Northwest Copper company.

What Has Been Found A Salem man has a friend who is one of the five great mining engineers of the United States, and perhaps the greatest of them all in his specialty of copper mining.

Would Make Wild Room That statement, by that mining engineer, uttered concerning a mining property near Butte would cause a wild stampede. It would be acclaimed all over the United States and Canada—all over the mining world.

What Does It Mean? It means the sure development of a rich copper mine. If the requisite large body of this ore is developed, it means more than this. It means that, according to all the known rules of mining, the

THIS WEEK'S SLOGAN

DID YOU KNOW That Salem is the market center for the Santiam mining district; that good engineers are saying that this district is 'The Butte City District of Oregon Undeveloped'; that it is 'one of the best undeveloped silver-lead-zinc prospects in this or any other country'; that it is sure to become a great copper mining district, and that proper and up to date mining methods are now being employed, and actual mining and treating and shipping of ores on a commercial scale is likely to begin soon—so that it will probably not be long now till thousands of miners will be patrons of Salem's business centers, doing for Salem what the Couer d' Alene district has done for Spokane?

Dates of Slogans in Oregon Statesman

- (With a few possible changes) Loganberries, October 6, 1927 Prunes, October 13 Dairying, October 20 Flax, October 27 Filberts, November 3 Walnuts, November 10 Strawberries, November 17 Apples, Figs, Etc., Nov. 24 Raspberries, December 1 Mint, December 8 Beans, Etc., December 15 Blackberries, December 22 Cherries, December 29 Pears, January 5, 1928 Gooseberries, January 12 Corn, January 19 Celery, January 28 Spinach, Etc., February 5 Onions, Etc., February 12 Potatoes, Etc., February 19 Bees, February 28 Poultry and Pet Stock, Mar. 4 City Beautiful, Etc., March 11 Great Cows, March 18 Paved Highways, March 25 Head Lettuce, April 1 Siles, Etc., April 8 Legumes, April 15 Asparagus, Etc., April 22

There is no telling how high the prices for the metal may go. Copper is the basic metal of the world, he says. So this man is watching the development of the Santiam district with a great deal of interest. He will not be surprised at seeing great things happen soon in the way of a real mining boom in that region—and in the way of Salem getting a great mining camp at her front door.

True to Form The Northwest Copper company was incorporated on July 12, 1926, and the actual work started in the mines on July 20. Shortly after the incorporation W. J. Elmdendorf of Seattle was retained as the consulting engineer.

Mr. Elmdendorf is an engineer with an unswerving and a long reputation at stake. Such men do not guess. They sample. They dig and delve, or superintend digging and delving. They know before they advise further steps.

But let the story of the operations of Consulting and Superintending Engineer Elmdendorf be told in his own words, in the letters and reports he has submitted from time to time to the company. In submitting his full report (which is too lengthy and technical to be printed in full, or understood by any but experts), he sent the following letter to the company, dated at Seattle, October 20, 1926. The report makes a good sized book, with maps, photographs, drawings, etc. Following is the language of the letter transmitting the report:

"I hand you herewith my report on your mining property in the Lester Mining district, state of Oregon. The investigation upon which the report is based has been a thorough one. I was on the ground from August 5, to 9, and from October 1, to 12, inclusive.

"Mr. William M. Romlescher, M. S., of the U. S. bureau of mines, who did the sampling and assaying, was at the mine about seven weeks. Mr. Herman Bueche, C. E., who did the surveying, was there about an equal length of time.

"The facts and figures given may be depended upon. I shall be glad to recommend this property to any one looking for mining investment. My opinion of the mine is very favorable, and I consider it an exceptional opportunity. It should be made a highly profitable producer quickly, if my theory of the ore deposit is correct.

"I wish to thank you for the facilities given me for this exhaustive examination and hope that my report will meet with your approval."

Nearly a Year Later Nearly a year later, Mr. Elmdendorf wrote to the company, under date of Seattle, August 3, 1927, as follows:

"I visited the property of your company on the 18th, 19th, and 20th of July, and made careful inspection of the work that had been done since my previous visit.

"The winze from the north tunnel has been sunk to a depth of about 60 feet and from start to finish showing a consistent improvement in the size, character and grade of the ore. You have been peculiarly fortunate in being able to follow the ore streak in the vein all the way down, and the showing in the bottom of the winze at this time is as good as could be expected. There is from 12 to 20 inches in thickness of high grade chalcocite and chalcocite ore which the last assay shows to be carrying material gold values, i. e., from three to five dollars per ton. The entire width of the vein, insofar as has been exposed by the winze, shows mineralization. The especially important feature of this development to date consists in the steady increase of chalcocite in the ore, and so far as the work has progressed, confirms my opinion that a high grade horizon or zone of secondary sulphide enrichment exists in the vein. You are not yet entirely below the level of leaching, as is shown by the quartz crystals and small cavities in the ore, but although these cavities are not filled with chalcocite they all show a coating of this high grade copper sulphide.

"The original plan of sinking the winze to a depth from which a level at 100 feet can be conveniently run, and which was the original plan for the work, should certainly be carried out. The drift should be run to the north at first from the winze; the prosecution of this work depending upon the amount of water that is encountered at that depth. For the purpose of this work it is necessary that more air than is now available should be provided, and tentative arrangement for this purpose, as outlined by Mr. Shand, Mr. Staley and Mr. Kunkel meets with my entire approval.

"The work done in the winze is in every way miner-like and is an especially good job. If necessary later, a large amount of ore can be taken out of this working at a cost that is not at all prohibitive, in fact I think that the mining of high grade ore from this working should be contemplated, and as the sinking of the winze progressed 15 or 20 tons of copper ore, running in the neighborhood of 30 per cent copper, was saved, and this ore is now piled outside the mouth of the tunnel. When a carload of this has accumulated it should be shipped to the smelter, as it will show good profit. I will call your attention to the fact that probably twice as much of the high grade ore has been broken up in the blasting and has gone into the waste dump as has been saved on the ore dump.

"Fuel used at the camp consists of wood alone. With the supply immediately at hand, this is not unduly costly."

Elmdendorf Here Soon Mr. Elmdendorf is in Alaska now, on business connected with his duties as consulting engineer of mining companies in that region. He will be in Salem between the 10th and 15th of this month and will make another examination of the work being carried on in the development of the property of the Northwest Copper company.

It is of extreme importance to Salem, as well as to the stockholders of the company, that the work so far carried on there should be steadily continued. That the drifting work on the 100 foot level be undertaken and pursued without interruption.

What Mr. Elmdendorf expected to be found has been found, so far, and if what his letters show he still expects to be uncovered is blocked out, a paying property is certain. A great mine is sure. A great mining district at Salem's front door is in the making.

Who is Elmdendorf? (A Salem man wrote during the last month to the Seattle Chamber of Commerce, and, under date of May 15, 1928, received over the signature of that body, by C. D. Garfield, manager of the mines and minerals department, the following letter:)

"Acknowledging your letter of the 9th inst., requesting information as to the character and ability of William J. Elmdendorf of this city, it is advised that he is a past president of the Seattle Mining club, and a member of the mines and minerals committee of the chamber. He is also a member of the northwest section A. I. M. M. E.

"Mr. Elmdendorf is a well known consulting engineer with a large experience in the northwest, and has the reputation of being conservative and careful in all of his work. He is at present in charge of several properties in the northwest and Alaska as consulting engineer, and bears an excellent reputation."

(This same Salem man recently wrote to a Portland mining engineer, sending him the report on the Northwest Copper company's property made by Mr. Elmdendorf, and on May 10th received the following reply:)

"I have your letter and also re-

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