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

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 SANTIAH 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 Mr. Staley and Mr. Kunkel meets tween the 16th and 15th of this a chance of spending money to the Santiam river, where Gold creek puts into that stream, Richer and Richer Ore All the Wav Down-With a Depth of Seven More Feet, to with my entire approval. ed, There Will Result Actual Shipping of Ores to the Smelter, Which It Is Likely May in every way miner-like and is an ried on in the development of the low grade portions, this is very pany. But he was not certain, He believed the indications were be Done at a Progit, Leading to the Rapid Opening Up of Big Operations-The Best Angineers in the Country Say There are Prospects for a Rich Mining District.

ed. There will be a couple of neer who finds chacocite advises; more blasts and the cleaning up the mine owner to spend his down seven feet below the 100 one can look into the earth, but foot level, for working space, that spending money in develop-Then there will be drifting, in or- ment work following that kind of shaft will be ready for the drift- of gambling. It is next door to a ing in a few weeks.

What Has Been Found A Salem man has a friend who cample of the rock coming out of the prospects. One of these men. mentioned. The sample was an would surprise many Salem readordinary one coming from a few ers, told a friend of his a few days feet above the 100 foot level of ago that he looks for the developengineer, acknowledging the re- the Santiam region—and that he ceipt of the sample and of the let- feels sure this will not be far ter accompanying it, wrote to the the future, and he predicts that things, he said: "The sample of Salem.

excellent mine. Would Make Wild Room That statement, by that min- for \$625, and he had the money. Spokane or in any one of several be worth more than \$50,000. The British Columbia mining centers. Howe Sound company stock has where the people generally know gone from \$40 to \$62 a share in what "high grade copper ore con- the past four months. taining chalcopyrite and chalcocite" means.

What Does It Mean?

(shaft) being sunk in the mine is there, at lower depths; richer per is the basic metal of the should be contemplated, and as should be steadily continued of the Northwest Copper com- as still lower levels are reached. world, he says. Then the 100 foot level, That is the nature of things. That the objective of the present devel- is the regular and the usual geo- with a great deal of interest. He 30 per cent copper, was saved, and opment, will be reached. This logical formation. Chalcocite is will not be surprised at seeing this ore is now piled outside the to be found has been found, so have known him for 23 years. was the condition last Sunday. 79.8 per cent pure copper. It is great things happen soon in the mouth of the tunnel. When a car-far, and if what his letters show The 100 foot level will have been the typical ore that continues at way of a real mining boom in that load of this has accumulated it he still expects to be uncovered any opinion of the property from reached when this article is print- great depth. The mining engi-

> money following the lead. He tells the mine owner that no sure thing

Are Getting Excited A few hard headed business is one of the five great mining en- and professional men in Salem. gineers of the United States, and knowing in various ways of the perhaps the greatest of them all things that are being done on the in his specialty of copper mining. Northwest Copper company prop-

the shaft being sunk. The mining ment of a great mining district in Salem man, and, among other it will double the population of

ore that you sent me is of very There is another man in Salem high grade copper ore containing who is becoming excited. He had chatcopyrite and chalcocite. If a a chance, not very long ago, to large body of this ore developed it buy a block of stock of the Howe would undoubtedly make a most Sound Copper company, owning mitting the report: mines on Brittania Beach, B. C. He could have bought the stock

ing engineer, uttered concerning But he feared he might lose his a mining property near Butte \$625, and did not buy. The stock would cause a wild stampede. It of that company is now quoted would be acclaimed all over the on the New York stock exchange United States and Canada—all at \$62 a share, and if this man over the mining world. It would had invested in the stock he was do the same thing at Salt Lake or offered, his holding would now

Copper Is Basic

The man who passed up the chance to make over \$50,000 with It, means the sure development \$625 has followed copper proper of a rich copper mine, if the re- ties. He says there are no new quisite large body of this ore is copper districts to be found; that developed. It means more than they are all known. And he says this. It means that, according to the demand for copper is increasall the known rules of mining, the ing so fast, in the industries, that

blast of powder in the winze, will be developed. That the ore prices for the metal may go. Cop- high grade ore from this working work so far carried on there spend a few days checking the re-

her front door. True to Form

ed in the mines on July 20. Short- saved on the ore dump. ly after the incorporation W. J. as the consulting engineer.

with an unsullied and a long rep- nomically and rapidly. I feel that lowing letter:) utation at stake. Such men do not the company is to be congratulatdelve, or superintend digging and ment to date." delving. They know before they advise further steps.

But let the story of the operations of Consulting and Superintending Engineer Elmendorf be from time to time to the company. sized book, with maps, photo- saying a mouth full." graphs, drawings, etc. Following is the language of the tetter trans-

"The investigation upon which the report is based has been a thorough one. I was on the ground be looked for." from August 5, to 9, and from October 1, to 12, inclusive,

"Mr. William M. Romiecher, M. S., of the U. S. bureau of mines. who did the sampling and asssaying, 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 'or mining investment. My opinion of the mine is very favorable, and consider it an exceptional opporly profitable producer quickly, if listant. my theory of the ore deposit is

"I wish to thank you for the fareport will meet with your appro-

Nearly a Year Later Nearly a year later, Mr. Elmendate of Seattle, August 3, 1927, as and truck.

company on the 18th, 19th, and per ton freight. With an outgo-20th of July, and made careful in- ing haul, this figure would be betspection of the work that had been tered. It is stated that ore or done since my previous visit.

and grade of the ore. You have The railway freight from Lyons to the vein all the way down, and the smelter of \$12 per ton. howing in the bottom of the 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 mine for many years of operation. a high grade horizon or zone of

a level at 100 feet can be convient- timbers and lumber should not ly run, and which was the origin-cost more than \$10 per thousand al plan for the work, should cer- feet.

tainly be carried out. The drift! should be run to the north at first of this work depending upon the unduly costly." 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 ten-

later, a large amount of ore can company. be taken out of this working at a the sinking of the winze prog-So this man is watching the de- ressed 15 or 20 tons of copper ore, 100 foot level be undertaken and you a big fee, is perfectly reliable. velopment of the Santiam district running in the neighborhood of pursued without interruption. call your attention to the fact that A great mining district at Salem's probably twice as much of the front door is in the making. The Northwest Copper company high grade ore has been broken was incorporated on July 12. up in the blasting and has gone! 1926, and the actual work start- into the waste dump as has been

Recent Letters among other things:

told in his own words, in the let- duly received, but not in time for the chamber. He is also a mem- treasurer; and Frank Bowersox ters and reports he has submitted me to make the necessary ar- ber of the northwest section A. I. Salem, H. G. Campbell, Dallas, A. rangements to have it shown at M. M. E. In submitting his full report the convention in Spokane. How- "Mr. Elendorf is a well known all, at the mine, directors. lever, it will be a lot of use to the consulting engineer with a large | There is a great deal more that the following letter to the com- funds to roll in. Commenting on servative and careful in all of his of that mining district. Some of pany, dated at Seattle, October 20, the ore, it is certainly the best lot work. He is at present in charge these things are told about in 1926. The report makes a good I have as yet seen, and that is of several properties in the north-other articles in this issue. It is

Mr. Elmendorf wrote:) "I received the ore sample, and on your mining property in the night. The ore is excellent, per- neer, sending him the report on proved by the best mining engi-Lester Mining district, state of haps the best I have yet seen from the Northwest Copper company's neers throughout the country. cocite is increasing all the while, and on May 10th received the fol- are just now on the verge of big

From Main Report

The following are some excerpts from the main report which Engineer Elmendorf submitted after the examination of the property:

"The property is situated in the Lester mining district, Marion county, state of Oregon. The nearst railway station is Lyons, on the Corvallis and Eastern, 24 miles distant. Mehama is the nearest this property to any one looking town and postoffice from the mine, about 23 miles almost due west from the mine. This town lies beween the mine and Salem, the tunity. It should be made a high-state capital, which is 50 miles

"The road from Salem to Mehama is paved and from Mehama to the mine graveled. There are cilities given me for this exhaus- many places where work is well tive examination and hope that my warranted but, aside from the fact that it is a mountain road of steep grades and sharp turns, there is nothing in its condition that can be called bad or dangerous. All forf wrote to the company, under communication is by automobile

"Mining and other supplies, "I visited the property of your when hauled from Salem, cost \$20 concentrate can be hauled to "The winze from the north tun- Lyons on the railway for \$8 per nel has been sunk to a depth of ton. As the distance is about about 60 feet and from start to twenty-four miles, and there are finish showing a consistent im- few reverse grades in the down provement in the size, character hill haul, this seems about right. been peculiarly fortunate in being Tacoma is \$4 per ton, a tota' able to follow the ore streak in freight from the mine to the

"For power purposes in the fuwinze at this time is as good as ture, a hydro-electric installation could be expected. There is from should be contemplated by using 12 to 20 inches in thicknesss of the water in the Little North Fork high grade chalcopyrite and chal of the Santiam river. A survey of cocite ore which the last assay this proposed installation has been shows to be carrying material made and is shown on Map G with gold values, i. e., from three to this report. No elevations are five dollars per ton. The entire given on this survey, but the difwidth of the vein, insofar as has ference in elevation between the been exposed by the winze, shows proposed intake and power house mineralization. The especially is approximately 250 feet. Neither does the flow seem to have been accurately measured, but it is very considerable the year around, in fact ample for all needs at the

"Most of the surface of the secondary sulphide enrichment ex- claims is covered with a superb ists in the vein. You are not yet growth of timber. This is prinentirely below the level of leach-cipally Oregon fir, many of the ing, as is shown by the quartz trees being of noble size. Some crystals and small cavities in the hemlock and cedar are also availore, but although these cavities able. A small sawmill will be of are not filled with chalcocite they great use on the property later for all show a coating of this high sawing mine timbers and the lumber for a mill and other buildings "The original plan of sinking as they are needed. It is estimatthe winze to a depth from which ed that, with such a mill installed,

"Fuel used at the camp consists of wood alone. With the supply

Elmendorf Here Soon

tative arrangement for this pur- of mining companies in that re- nature's unknown vagaries. Boiled pose, as outlined by Mr. Shand, gion. He will be in Salem be- down, almost any one would take "The work done in the winze is amination of the work being car- |dorf has thrown out some of the

It is of extreme importance to

What Mr. Elmendorf expected has had plenty of experience. getting a great mining camp at as it will show good profit. I will is certain. A great mine is sure. whom I don't know personally.

last month to the Seattle Chamber gent and conscientious engineer of Commerce, and, under date of and I think would ordinarily be "The operation at the mine May 15, 1928, received over the taken as well worth money to der to follow the ore veins. The a hunch is scarcely in the category Elmendorf of Seattle was retained meets with my entire approval, signature of that body, by C. D. check it up and if verified is and I hope that facilities will be Garfield, manager of the mines very interesting property. Mr. Elmendorf is an engineer afforded for pushing this work eco- and minerals department, the fol-

> guess. They sample. They dig and ed on the results of the develop- the 9th inst., requesting informa- do, and don't kick if they lose. tion as to the character and ability of William J. Elmendorf of Writing under date of March this city, it is advised that he is Copper company are George W 10, 1928, Mr. Elmendorf says, a past president of the Seattle Shand, Salem, president; D. Mining club, and a member of the Eastburn, Salem, vice president: "The splendid box of ore was mines and minerals committee of W. I. Staley. Salem.

> > and that is where we want experience in the northwest, and west and Alaska as consulting en- a varied and interesting history. "(Under date of May 10th, 1928, gineer, and bears an excellent rep- But the development work that is utation."

and this is the ideal condition to lowing reply:)

"I have your letter and also re- trict that is at Salem's front door. ment.

port and am returning the report. "1. The property has value.

"2. There is no infallible way out to be any more than any other

"3. Yes. The report shows that Elmendorf is a very conservative engineer. It is a very conservative and well written report, I can't vouch for Elmendorf, but would not be hard to check him up. His report shows he is not don't know him, however.

"4. Specifically in this partichad 100,000 tons of 4 per cent ore blocked out completely on square that it would be a mine from the winze; the prosecution immediately at hand, this is not and quite a good one and worth more than \$40.000.

"5. The developments in the winze are entirely consistent with Mr. Elmendorf is in Alaska mining experience, and most minnow, on business connected with ing men would consider as very his duties as consulting engineer promising. Subject, of course, to month and will make another ex- follow it further. While Elmenaction, which is favorable.

"6. To check this matter, get cost that is not at all prohibitive, Salem, as well as to the stock- C. E. Newton, dean of the school port on the ground. Two or three too honest for his own good, and

"I, of course, cannot express

"I can only say I did not gain any unfavorable opinion of the (A Salem man wrote during the pears to be written by an intelli-

The Organization

C. Carty, Eugene, and T. G. Don-

(This same Salem man recently that has been undertaken and caryour letter of the 8th came last wrote to a Portland mining engi- ried forward along the lines apthe mine. The proportion of chal- property made by Mr. Elmendorf. There is every prospect that we

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 he is quite well known and it ever before. This is the ninth consecutive year of the Slogan campaigns of The Statesman, and during all this time, around given to extravagant statement. I the first of June, this newspaper has annually set forth the vision of Salem as a great mining center; with a bustling minular case I would consider if they ing camp in the Santiam district at her front door-

And that vision is coming true. It is a near vision now. four sides in blocks 100x100 feet During the past two years there has been carried on really scientific development work under the direction of an eminent mining engineer, William J. Elmendorf 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 on the property of what is now the Northwest Copper comespecially good job. If necessary property of the Northwest Copper indicative of wide spread mineral worthy of a scientific test. So he sampled, and kept on sampling, all over the property. The samples confirmed his belief-

Then he directed the sinking of a winze or shaft. It is now more shot. One more requisite large body of this ore there is no telling how high the in fact I think that the mining of holders of the company, that the of mines, O. A. C., at Corvallis to down to the 100 foot level, and the showings have grown better with every foot of depth. With seven feet more, for That the drifting work on the of you throw in. 'He won't charge working room, drifting will be commenced-

And a paying mine will be the result, unless all the signs of mining engineering experience fail. They have never

Then, it goes without saying, a great mining camp will region—and in the way of Salem should be shipped to the smelter, is blocked out, a paying property reading another man's report grow up there—for the extent of the ore deposits is manifestly immense; mountains on mountains of rich ore deposits, some of them evidently very rich, with the prospect of growproperty or of the report. It ap- ing richer and richer with 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 on nature's part, however. You 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 stood by any but experts), he sent it to be useful as helping the has the reputation of being con- tory of this property; the history made in those hard years at treating the ores on a com-

> But the ores and combinations were such that all these efforts were foredoomed to failure, because mining science going on there now is the first had not yet advanced to the point where there could have

> 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 things for this great mining dis- the smelters want those ores and will encourage their ship-

> > 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. Since that time, this road has been widened and improved, and it has been extended to the camp at the point where Gold creek empties into the Little North Fork of the Santiam; the camp that is now the property of the Northwest Copper company-about seven miles "as the crow flies" from the summit of the Cascades. 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.

OIL-O-MATIC

WHAT IS IT? -SEE-

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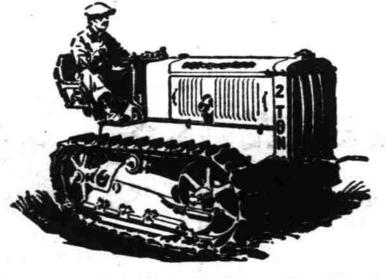
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want to the scale of best blood rett over fet to lead waters has a disease

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EUGENE PORTLAND

Dates of Slogans in Oregon Statesman (With a few possible changes) Grapes, Etc., April 29

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 un-

developed silver-lead-zinc prospects in this or any other

country;" that it is sure to become a great copper min-

ing 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?

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

Poultry and Pet Stock, Mar.

Paved Highways, March 25

Asparagus, Etc., April 23

Great Cows, March 18

Head Lettuce, April 1

Silos, Etc., April 8

Legumes, April 16

Drug Garden, May 6 Sugar Industry, May 13 Water Powers, May 20 Irrigation, May 27 Mining, June 3 Floriculture, June 17 Cucumbers, Etc., July 8 Hogs July 15 Goats, July 22 Schools, July 29 Sheep, August 5 Seeds, August 12 Livestock, August 26 Onions, Etc., February 12 Grain & Grain Products, Sept. 2 Potatoes, Etc., February 19 Manufacturing, Sept. 9 Woodworking, Etc., Sept. 16 Bees, February 26

City Beautiful, Etc., March 11 Paper Mills, Sept. 30 Current topics 5 cents.

Land, Irrigation, Etc., June 10 Hops, Cabbage, Etc., June 24 Wholesaling, Jobbing, July 1 National Advertising, Aug. 19

(Back copies of the Thursgrade copper sulphide. day edition of The Daily Oregon Statesman are on hand. They are for sale at 10 cents each, mailed to any address.