

MINING, BUSINESS AND STOCKS

SMOKE PROBLEM
NEARING SOLUTION

Experiments Conducted by Utah Consolidated Have Been Entirely Successful.

CASES CAN BE CONTROLLED

And Utilized to Advantage—By Next Spring All Dangers to Vegetation Will Be Removed.

So sanguine is he that the smoke and fumes arising from the stacks of the valley smelters can be brought into subjection and that the dangers which have been experienced in the past to growing vegetation, as well as to animal life, can be entirely removed, Manager R. H. Channing, Jr., of the Utah Consolidated, declared to a "News" representative during the day that by the time another crop is put into the ground his company expects to have the local smoke problem solved in so far as the Utah Consolidated is concerned.

The company has expended a vast amount of money during the past year in making experiments. Some of the best talent in the country has been obtained in the hope that some means could be devised whereby the smelter could continue in operation without doing the slightest injury to the farms in the vicinity of the big plant. These experiments have proved a success and the company has in operation a small plant which has demonstrated to Mr. Channing and the officials of the company that the existing difficulty can be removed. It only remains to be seen what can be done with a larger and that will take care of all the smoke and fumes arising from the smelter while they are undergoing treatment.

It was while conducting these experiments that the discovery was made that the gases coming from the smelter are used in the place of coal in the operation of the power plant and utilized as well in the smelting of ore. The gases are collected through the means of flues attached to the reverberators and thereby brought into control. Not only is it possible to use the process, now nearing perfection, to cut down the fuel expense bill, but to also save practically all the metal contents in the ore, something that has not been possible to do heretofore. It is claimed that at least 5000 pounds more copper, gold and silver bullion can be added to the daily production, increasing the earning capacity of the company at least \$500 per day.

This is all good news that has been imparted by Mr. Channing. Results speak for themselves. None of the smelter managers have been more diligent than Mr. Channing to arrive at a solution of the problem which bid fair to develop into a long, tedious and expensive contest, the result of which no one could accurately foretell.

DULL MARKET DAY.

The Forenoon Sales on Mining Exchange Aggregate Less Than \$1,000.

The business transacted on the floor of the mining exchange this forenoon aggregated less than \$1,000. During regular call, Lower Mammoth and Silver Shield were the only participants. More activity was displayed on the open board, however, Lower Mammoth being the center of interest. Ajax, Carissa and Nalidriver found some buyers. The general tone of the market was dull. There was little doing in any quarter.

The closing quotations and sales were as follows:

TODAY'S QUOTATIONS.

Stocks	Bid.	Asked.
Alice	1.40	1.45
Ajax	1.10	1.15
Bullion-Bell	1.10	1.15
Carissa	1.10	1.15
Crescent	1.10	1.15
Con. Mercantile	1.10	1.15
Daily	1.10	1.15
Daily-Judge	1.10	1.15
Daily-West	1.10	1.15
E. & B. Hill	1.10	1.15
Grand Central	1.10	1.15
Glenora	1.10	1.15
Horn Silver	1.10	1.15
Little Bell	1.10	1.15
Lower Mammoth	1.10	1.15
May Day	1.10	1.15
Ontario	1.10	1.15
Petro	1.10	1.15
Silver King	1.10	1.15
Silver Shield	1.10	1.15
Star Con.	1.10	1.15
Suwanee	1.10	1.15
South Swansea	1.10	1.15
Sunshine	1.10	1.15
T. S. Mining Co.	1.10	1.15
Utah	1.10	1.15
Utah-San Con.	1.10	1.15
Victoria	1.10	1.15
Weston Con.	1.10	1.15
Butler Liberty	1.10	1.15
Beck Tunnel Con.	1.10	1.15
Century	1.10	1.15
Ingot	1.10	1.15
Little Chief	1.10	1.15
New York	1.10	1.15
Tetrahedron	1.10	1.15
Victory	1.10	1.15
Washoe	1.10	1.15
Yankee	1.10	1.15
Richmond Anaconda	1.10	1.15
Dalton	1.10	1.15

Nevada Stocks.

Stocks	Bid.	Asked.
Aqueduct	1.10	1.15
Anchor	1.10	1.15
Goldfield	1.10	1.15
Mohave	1.10	1.15
Jim Butler	1.10	1.15
Jumbo	1.10	1.15
Jumbo Extn.	1.10	1.15
MacNamara	1.10	1.15
Ray O'Brien	1.10	1.15
Montana-Tonopah	1.10	1.15
Redden	1.10	1.15
Rescue	1.10	1.15
Sundstrom	1.10	1.15
Tonopah-Belmont	1.10	1.15
Tonopah (Com.)	1.10	1.15
Tonopah Extn.	1.10	1.15
Gold Mountain	1.10	1.15
North Star	1.10	1.15
Tonopah Midway	1.10	1.15
Chor-Tonopah	1.10	1.15
Kendall	1.10	1.15
Bullfrog	1.10	1.15
Bullion	1.10	1.15
Benjamin	1.10	1.15
Con. Virginia	1.10	1.15
Ophir	1.10	1.15
Caledonia	1.10	1.15
Mexican	1.10	1.15
Savage	1.10	1.15
Potosi	1.10	1.15
Union	1.10	1.15
Jackpot	1.10	1.15
Eschschuer	1.10	1.15
Norcross	1.10	1.15
Black Butte	1.10	1.15
Homo-Tono	1.10	1.15
Diamondfield	1.10	1.15
Cash Boy	1.10	1.15
Silver Pick	1.10	1.15
Leone Star	1.10	1.15
Dixie	1.10	1.15
Andes	1.10	1.15
Scorpion	1.10	1.15

REGULAR CALL SALES.

Lower Mammoth—200 at 26; 100 at 25.

Silver Shield—500 at 24.

OPEN BOARD SALES.

Alex—200 at 15.

Carissa—200 at 17.

Lower Mammoth—100 at 27; 400 at 28; 100 at 28; 200 at 28; seller 10; 200 at 28; seller 10; 200 at 28; seller 10.

Nalidriver—100 at 10.

RECAPITULATION.

Shares, Value.

Regular call.....2,300 724.25

Open board.....2,300 724.25

Forenoon totals.....3,600 927.15

A. E. CAMPBELL.

Stock Broker, 216 D. F. Walker Block.

Today's Metal Quotations:

Local settling prices as reported by the American Smelting and Refining Company:

SILVER	59 1/2
COPPER, CASTING	14 1/2
" ELECTRO	14 1/2
LEAD	\$3.50@4.50

New York Quotations:

LEAD, steady	4.60@5.70
COPPER, quiet	15 1/2@15 3/4

STATE WILL ASSIST.

New Roads to be Built to Custer County, Idaho, Mining Camps.

The state government of Idaho will assist the mine owners of Custer county in the building of new roads which will render their properties more accessible and, in many instances, do away with the use of pack animals. Gov. Gooding returned to Boise a few days ago from an inspection of the proposed routes and has announced that the state will spend \$4,000, half of what it is estimated to cost, to build the roads. The governor was assured by the mine owners that the latter would raise the balance of the money.

To meet this condition, the governor states it is proposed to make a contract with the miners to build half the road under the supervision of the state and on the other half the state, as it will be necessary to have a road equally good at all points. A guarantee will be required for the carrying out of the part of the undertaking.

The governor does not anticipate the road can be constructed this year, as the people interested are not all there and it will be necessary for them to get together and organize for the purpose of carrying out their portion of the work. The survey will be made this year, however.

The proposed road will start at Wagontown, on the Ketchikan road, cross the river and pass down the latter stream to Float creek. It will be about 10 miles in length. Its construction will not be difficult. This road, the governor states, will eventually become a part of a highway over which travel from the north can reach the south, as it can be continued to Thunder Mountain and make connection there with the road from Warren or with one up the Salmon.

THE SIGNAL PEAK.

A Thirteen-Foot Vein Opened in Property Near Marysvale.

J. H. Nelson, superintendent of the Signal Peak mine, was in Richfield the past week, says the Repeater. He brings good tidings from the property. After reexamining the fore part of last month's discovery, which was caused by the slipping ground was overcome and a fine vein of ledge material 13 feet in width was uncovered. Since passing the slipping ground, the ledge formation was again encountered and this has been entered sufficiently to give room to turn back and drift to the vein in solid ground. It is expected to strike the vein this week. Splendid values have been taken from the ledge material.

The vein is blind lead. It is not expected to tap the main ore lead for another 200 feet. The strike is very gratifying, however, and adds to the value of the property and gives all the more encouragement to go ahead with the development work.

IMPORTANT MINING SUIT.

Green Hope Copper Company Involved in Action Filed at Cheyenne.

(Special to the "News.")

Cheyenne, Wyo., Aug. 3.—A very important mining suit was filed in the district court here yesterday afternoon. Involving the mines of the Green Hope Copper Mining company, situated in northern Laramie county, and a mortgage of \$144,000, J. Edward Brown, manager of the Green Hope company, composed of Omaha men, and took a note and mortgage on the property that the company has not fulfilled its contract, and they now seek to recover on the note. The mines are very valuable, as considerable high grade copper has already been uncovered.

Nevada Stocks.

James A. Pollock & Co., brokers, reported the following quotations from San Francisco today:

Stocks	Bid.	Asked.
Aqueduct	1.10	1.15
Anchor	1.10	1.15
Goldfield	1.10	1.15
Mohave	1.10	1.15
Jim Butler	1.10	1.15
Jumbo	1.10	1.15
Jumbo Extn.	1.10	1.15
MacNamara	1.10	1.15
Ray O'Brien	1.10	1.15
Montana-Tonopah	1.10	1.15
Redden	1.10	1.15
Rescue	1.10	1.15
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Bullion	1.10	1.15
Benjamin	1.10	1.15
Con. Virginia	1.10	1.15
Ophir	1.10	1.15
Caledonia	1.10	1.15
Mexican	1.10	1.15
Savage	1.10	1.15
Potosi	1.10	1.15
Union	1.10	1.15
Jackpot	1.10	1.15
Eschschuer	1.10	1.15
Norcross	1.10	1.15
Black Butte	1.10	1.15
Homo-Tono	1.10	1.15
Diamondfield	1.10	1.15
Cash Boy	1.10	1.15
Silver Pick	1.10	1.15
Leone Star	1.10	1.15
Dixie	1.10	1.15
Andes	1.10	1.15
Scorpion	1.10	1.15

J. OBERNDORFER.

Stock Broker, 181 S. Main St.

Lizzie Thomas Edwards the soprano singer sings at the Lagoon Sunday.

LEGAL BLANKS, a full supply, all the latest forms at the Deseret News Book store.

CASH IS UP FOR
UTAH COPPER MILL

American Smelters Securities Company Will Take Entire \$3,000,000 Bond Issue.

PRESIDENT McNEILL IS ASSURED

Of This and Leaves for Colorado—Rio Grande Will Rush Work on Spur to New Plant.

When President McNeill of the Utah Copper company pulled out for Colorado yesterday afternoon, he left with the assurance that the American Smelters Securities company, the successor of the Juggernaut Exploration company, would take the entire issue of the \$3,000,000 worth of improvement bonds, which were authorized at the recent meeting of the directors of the company at Colorado Springs. While the stockholders have not ratified the action taken by the directors, there is not the slightest doubt but that they will do so at the next meeting to be called for that purpose.

With assurance of this, the securities company has loaned its purse string to the Utah Copper. It is authorized to draw such money as is needed on account of construction pending the completion of the deal. Under the terms of the transaction, the securities company has the privilege of converting the bonds into stock within five years, at the rate of \$25 per share. At the same time the securities company, which already owns a block of 65,000 shares, has a call on enough of the personal stock of Messrs. McNeill, Penrose and Jackson to give them a control of the mine and of course, the managing and directing of its affairs.

Manager Jackson has commenced operations for the campaign of the construction now before him and the letting of contracts for the proposed 6,000-ton mill are now in order. The company has the favoring of the foot hills of the Rio Grande, which is ready to own a block of 65,000 shares, has a call on enough of the personal stock of Messrs. McNeill, Penrose and Jackson to give them a control of the mine and of course, the managing and directing of its affairs.

QUARTERS FOR OFFICIALS.

Among the first things to be provided will be quarters for the officials of the company and this forenoon Mr. Jackson directed a firm of local architects to commence the drawing of plans for a number of dwelling houses, office buildings, etc.

It was learned from Mr. Jackson that the Rio Grande will commence work on the spur to the copper mill and to the American Smelting & Refining company's copper smelter just as soon as the contractor, the Utah Construction company, can get the required equipment on the ground.

The impression has gone out that the line will leave the Bingham branch at Revere station, where it is wrong, the point of diversion will be at the five-mile post west of the Bingham Junction station. The road will bear off to the northwest, following the foot hills of the Quiriqui range of mountains, coming in above the site selected for the concentrator. From the point where the line leaves the Bingham line to the copper plant, the distance is 14 miles; the copper smelter will be three miles beyond that, which will be the Rio Grande.

This line will be used in the transportation of supplies, machinery and equipment for the works to be erected and later will be utilized for the transportation of all supplies into camp and for outgoing freights. Passenger traffic to the mill and smelter town will be handled by the Rio Grande-New line. The Salt Lake Route will probably operate trains into the new town later, but no track arrangements have been made as yet.

Eventually, it is believed, another line will be built, a cut-off from Bingham, over which the ore of the great copper camp will be transported. That, however, is a later consideration. Manager Jackson proposes to push the work of construction with all possible haste, and by the expiration of twelve months, expects to have the first units in commission.

After the retirement of the existing bonds, the company will have \$2,000,000 with which to carry out its project.

THE UTAH AND EASTERN.

New Tunnel at Dixie Mine Completed to Length of 175 Feet.

At the Utah & Eastern Copper company, the installation of a new air compressor is in progress. The new tunnel, being driven to tap the ore bodies at the length of 175 feet, has been completed to the length of 175 feet. Joseph Dederich, to whom was awarded the contract for the construction of a 4,000-foot tramway over the line of the Rio Grande-New line, has been at the Bingham station, where he will be in charge of the construction of the tramway. It is expected the tramway will be ready for operation within the next 60 days.

EUREKA-OPHIR DEAL.

Stockholders Meet to Ratify Action Taken by Directors Recently.

A meeting of the stockholders of the Eureka-Ophir Mining company held a meeting during the forenoon for the purpose of ratifying the action taken recently by the board of directors, which bonded the property of the company in Dry Canyon, Tooele county, to C. H. Doolittle, manager of the Utah & Eastern Copper company, and the Eureka-Ophir Mining company. Owing to the absence of certain interests, the meeting was adjourned until tomorrow morning, when the deal will probably be formally closed.

Mr. Doolittle has a force of six men at work on the property at the present time.

COMBINATION'S MILL.

Twenty Stations to be Added to Plant at Goldfield.

The confidence of the Combination Mines company in the future of its mine and the Goldfield district generally is demonstrated by its advertisement for bids for the erection of the concrete and masonry work required for the foundations of the ten stamp mill to be erected on the site of the Goldfield. The bids for the work will be received until Aug. 10 at the office of the company at the mine, east of Goldfield.

All material to be used in the work

TEA
What is the tea mood?
Is there a tea mood?
A contemplative mood.
Would a little hurt?

Wrote for Knowledge, Luck, A Skill & Courage.

will be furnished by the company. This addition will increase the plant to 20 stamps, giving a milling capacity of approximately 100 tons a day. As has been announced before, the Combination mine and mill will be equipped with electric light and power upon the completion of the line of the Nevada Light & Power company to dry mine from Bishop, California. It is expected that this line will be finished within "month."

CONCENTRATES.

The ore and bullion settlements reported late yesterday by McCormick & Company were as follows: Crude ore and concentrates, \$48.700; base bullion, \$42.000.

Charles O. Ellingwood of the Western Exploration company has turned from a trip to San Francisco, where he went on business connected with the completion of the line of the Nevada Light & Power company to dry mine to the White Knob copper company.

Captain A. O. Tibbotts of the Mason Valley Copper company, which has acquired an attractive copper property near Yerington, Nev., has returned to the city. The development of the property under the direction of Manager Fred Wind, he states, is progressing favorably.

WATERWORKS AND
LIGHTING PLANT.

Public Improvements That City of

Murray is Just Now Discussing

The Murray city council, since the city has taken on larger proportions, is preparing to rush matters on department of government that go with cities and are not needed in villages.

J. P. Cahoon is in Salt Lake today investigating for the council, the matter of installing waterworks for Murray.

He is getting a proposition in definite shape to submit to the council at its Tuesday night meeting, which it is thought will be adopted and pushed forward.

According to Mr. Cahoon the first thing necessary is for the people to send to the city all their existing water rights. The city will then put in a reservoir above town and pipe the water for culinary purposes.

The supply at present is used for irrigating, although it is canyon water, and very pure. It is Mr. Cahoon's plan to obtain irrigating water from Utah lake to use in lieu of the present supply.

When asked as to the plans for the reservoir, Mr. Cahoon said: "Figures are not yet prepared, and will be submitted direct to the council when they are. However, it is not our plan to spend more than we can earn and for that reason I favor a beginning now on a modest but permanent plan that we can add to as necessities and funds demand. There is money in the treasury now and we don't want to run into debt."

LIGHT PROPOSITION UP.

President Chambers of the company at present furnishing light to Murray city has made a proposition to turn the company's property over to the city for municipal control. The proposition is at present secured from the Utah Light and Railway company, on a lease which soon expires. The proposition of the city's going over to the city is being discussed but the details of the present position have not been given out.

SALT LAKE CUSTOMS.

Annual Report Makes Collector Greene's

Wald Much Encouraged.

Collector Greenwald of the Salt Lake custom house is in receipt of several copies of the annual report of the auditor of the treasury department for the fiscal year ending June 30, 1905. In the tabulated schedules, Salt Lake is shown with a good showing, for the first year, with a total of \$1,000,000. In the errors noted column, Salt Lake has but one in tariff and three in duty. An over collection of duty of only \$1,000 is noted. The collector is much encouraged by the first year's business for the Salt Lake district, and looks to see a large and gratifying increase for the next and current fiscal year.

The total amount of business done for the fiscal year last closed by the custom service was \$2,256,678.61, as against \$1,513,925.83 for the fiscal year of 1904.

SUNDAY EXCURSIONS.

Via D. & R. G., Sunday, Aug. 6th.

From Salt Lake.

To Ogden, 10:25 p. m., 1:45 p. m., \$1.00
To Upper Falls, 8:00 a. m., 1:25 p. m., \$1.25
To Canby, 8:00 a. m., 1:25 p. m., \$1.25
To Pharaohs, 8:15 a. m., 1:30 p. m., \$1.50
Finest Canyon trips in the world, convenient train service returning. See D. & R. G. agent, or phone 205 for further particulars.

James Poll, tenor, sings at Lagoon Sunday.

New Private

Wire Service

JAMES A. PLOCK & CO.

BANKERS AND BROKERS,