

MINING, BUSINESS AND STOCKS

CACTUS PROPERTY
TO HAVE SMELTER

New Fink Process Plant to be
Built at Beaver County.
Mines.

NEWHOUSE TELLS OF WORK.

Means Saving of Half Million to Cactus
Through Erection of Twenty-
Two Thousand Dollar Plant.

As the new Fink Smelter at Arthur, near Garfield has been a success thus far in its experimental stage, Samuel Newhouse, who has been behind the new plant, is making plans for the installation of a smelter at the Cactus property in Beaver County. He declares that thus far he is convinced that the theory of smelting and smelter building as shown by Mr. Fink is a success and that in building a plant at Newhouse according to the same plans, a saving of \$500,000 a year would be accomplished for that property.

In speaking of the matter this morning Mr. Newhouse said that the cost of a new plant at Newhouse would be in the neighborhood of \$22,000 and would have a capacity of 800 tons daily. According to the new process, it has been demonstrated that silicious ore would not be as necessary as under the old methods. By the new process tailings and slimes could be used to a great advantage.

Mr. Newhouse declares that much of the matter which now goes to waste will be utilized. The building of the smelter at Cactus will mean a revolution in the smelting business such as would be hard to estimate.

RESULT OF EXPERIMENTS.
"I do not know what is being done at the Fink smelter today," said Mr. Newhouse. "This morning, I can only say that things are working out beautifully. I am certain that the process is a success as far as I have seen. We are figuring on building a plant at the Cactus as soon as possible. This will mean a saving to that property of something like \$500,000 a year. With the new process it will not be necessary to use the silica that we have had to in the past."

Mr. Fink told me this morning not to come out to the smelter today, but that tonight he would probably have something that would make me more pleased than ever. I believe that he will endeavor to make blister copper today."

One thing that has been settled definitely by the smelter is that copper matte can be produced with as great an amount saved if not more than by the old method. The general deduction from this is that silver lead ore can be treated successfully beyond any doubt.

The plant and experiments Mr. Newhouse believes will have cost him in the neighborhood of \$15,000. This includes the building and everything that has been used. Without considering the cost of experiments and other costs that have been necessary on account of experimental work, the plant caused an expenditure of close to \$10,000.

MEANS MUCH TO UTAH.

With the figures thus far obtained it is certain that a 500-ton smelter would cost in the neighborhood of \$45,000. As these figures are based on a possibility of failure to accomplish all that was expected, it means that at least a dozen plants will be built in Utah for districts that have hitherto been unprospected. The smelter will be able to handle a lower grade of ore at an expense of close to one-fifth of former prices.

Should the smelter be unable to produce blister copper, it could even then treat ore that would bring a world of wealth to Utah.

MANY STOCKS ARE SOLD.

Mining Exchange Has Busy Day With
Many Changes in Price.

Stocks on the mining exchange this morning jumped about considerably. Somewhat of a raid was made on Iron Blossom and Sioux Consolidated, while Colorado was firm. Sioux Consolidated was hammered hard during the open board session and the closing price registered \$12.50. Iron Blossom was punched down to the \$2.50 mark again.

The exchange this morning was the busiest it has been for the year 1908 and during the day 7,418 shares changed hands. The price at which they were transferred was \$55,898.50.

Tintie Central came in for a lively time and the stock was disposed of in bunches ranging from 9 cents to 9 1/2 cents.

AFTERNOON QUOTATIONS.

Listed Stocks.	Bid.	Asked.
Addie
Alax
Albion
Allee
Beck Tunnel Con.
Big Hill
Bingham Amalgamated
Black Jack Con.
Bonnie Hill
Brooklyn Con.
Bullcock
Boston Con.
Carla

REAL ESTATE.

Is one of the best of investments. There are three forms in which it is especially good.

FIRST. As a home. We can supply your needs.

SECOND. A prospective business property. We have it in a growing town in the direction in which the town is growing.

THIRD. As an average. That which we offer is good now and getting better every day.

There is JOY and COMFORT in the first and MONEY in the other classes of investment we offer you.

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Rooms 512-513 Templeton Building Phone Bell 27.

And after awhile you'll wonder why you didn't buy and buy sooner. CHERRYBLOSSOM TRAIL. IDAHO SUGAR stock at 10-12 1/2 prices. Some do not get 17 1/2. "My dear Sir, you can't see if you are up. Our price is the fair market price at this year's end. Sincerely, G. M. CANNON."

This Morning's Metals.

SILVER, 52 1/2
COPPER, (cathodes) - 11 1/2-16
LEAD, 4.20

NEW YORK QUOTATIONS.

LEAD, quiet, - 4.17 1/2 @ 4.22 1/2
COPPER, quiet, 14.50 @ 14.62 1/2

Century	.....	11
Columbia Con.	.....	1.52 1/2
Colorado	.....	2.97 1/2
Con. Mercur	.....	.35
Crown Point	.....	.17 1/2
Daly Judge	.....	4.40
Dragon	.....	.40
Dromedary	.....	.40
Eagle & Blue Bell	.....	.20
Eagle's Nest	.....	.10
East Tintie Dev.	.....	.06
Emerald	.....	.20
Goldfield	.....	.04 1/2
Goldfield Crown	.....	.30
Goldfield Daly	.....	.05
Grand Central	.....	2.85
Ilex	.....	.14
Indian Queen	.....	.11 1/2
Ingot	.....	.30
Inyo	.....	.04
Iron Blossom	.....	2.30
Iron Hat	.....	.01
Iron King Con.	.....	.12
Keystone	.....	.28
King David	.....	.40
King William	.....	.40
Lead King	.....	.01
Little Bell	.....	2.55
Little Chief	.....	.19
Lower Mammoth	.....	.125
Mason Valley	.....	2.55
May Day	.....	.25
Mountain Lake	.....	.02
Nevada British	.....	.04
Nevada Consolidated	.....	.02
Nevada Hills	.....	1.62 1/2
New York	.....	.03 1/2
North Cliff	.....	.02 1/2
Newhouse	.....	5.00
Old Dominion	.....	1.52 1/2
Richmond	.....	1.52 1/2
River King	.....	4.30
Sacramento	.....	.02
Scottish Chief	.....	.02
Seven Troughs	.....	.20 1/2
Sierra Nevada	.....	.12
Sioux Con.	.....	1.37 1/2
South Columbia Con.	.....	.50
Southwestern	.....	.01
Swansea Ext.	.....	.02 1/2
Stray Dog	.....	.02
St. Iron Blossom	.....	.02
Tetrahedron	.....	.15 1/2
Tintie Central	.....	.08 1/2
Tintie Silver	.....	.12 1/2
Tintie Silver Crown	.....	.17
Uncle Sam Con.	.....	.45 1/2
United Mercur	.....	.05
Utah Con. (Tintie)	.....	.19
Victor Con.	.....	.10 1/2
Victoria	.....	1.85
Wabash	.....	.20
Western	.....	.02
Yankee Con.	.....	.24
Yerington Copper	.....	.07
Zenith	.....	.05
Yerington Nat.	.....	.12 1/2

AFTERNOON SALES.

Bullcock, 500 at 6 1/2; 700 at 7, buyer
Colorado, 500 at 3.00
Columbia Con., 100 at 1.55
Daly Judge, 50 at 14.50
East Tintie Dev., 1,500 at 5 1/2
Grand Central, 300 at 2.85; 400 at 2.80
Iron Blossom, 200 at 2.32 1/2
Keystone, 2,000 at 32
Lower Mammoth, 200 at 26
Mountain Lake, 1,500 at 2; 100 at 3 1/2
Sioux Con., 1,100 at 1.37 1/2; 5,000 at 1.37 1/2; buyer 30; 2,835 at 1.35
South Columbia Con., 500 at 57; 500 at 55, buyer 60; 500 at 56; 1,800 at 55
Utah Con., (Tintie), 9,000 at 19

MAY GET NEEDLES SMELTER.

Tecopa Company Rumored to be Negotiating for Plant.

Frequent rumors have come from New York that the Tecopa Consolidated Mining company is after the control of the Needles, California, smelter. It is said that the company would involve the construction of a spur from Tecopa station on the Tonopah & Tidewater railway to the company's mines, the erection of a large concentrating plant and the enlargement of the Needles smelter to several times its present capacity.

The investment would mean an outlay of a large amount of money, but the men behind the scheme are abundantly supplied with the means to operate on an extensive scale. "Borax" Smith is anxious to extend the usefulness of the Tonopah & Tidewater road by the building of spurs where large tonnage work was announced to resume at once on the Consolidated properties. Under the direction of J. H. Lester 40 men are to be put to work. The company has recently bought the Williams interests, which eliminates any possible litigation.

DEMIOHOLD MEETING.

Stockholders Re-Elect Old Officers for Ensuing Year.

The annual meeting of the Pioche Demio Mining company was held at the office of the company, 406-9 Utah Savings & Trust building, this morning. The reports of the president, Owen A. Bailey, and secretary and treasurer, William M. McCrea, were submitted. The reports show the company to be in a splendid position. During the year work at the property has been conducted in an economical manner, all funds realized having been expended almost exclusively for the improvement of the ground. President Bailey in his report assured the stockholders that he believed that within a very short time the company would be making regular shipments. The company starts the new year with a strong financial position and sufficient funds assured to continue its development upon the property without interruption.

FORENOON SALES.

Beck Tunnel, 100 at 78
Black Jack, 100 at 40
Bullcock, 1,000 at 6
Colorado, 600 at 3.00
Crown Point, 500 at 17 1/2
Iron Blossom, 1,100 at 2.30; 500 at 2.37 1/2
Mason Valley, 1,300 at 2.55
New York, 500 at 3 1/2
Prince, 100 at 1.55
Sioux Con., 3,043 at 1.37 1/2; 500 at 1.37 1/2; seller 60; 12,000 at 1.40
South Columbia, 500 at 57
Tetrahedron, 200 at 16
Tintie Central, 5,500 at 9 1/2; 10,000 at 9 1/2; buyer 60; 5,000 at 9 1/2; buyer 60
Uncle Sam, 500 at 45; seller 60; 1,000 at 45 1/2; 1,100 at 45
West Nevada, 1,000 at 50; 100 at 49 1/2

OPEN BOARD.

Beck Tunnel, 400 at 80
Colorado, 800 at 3.00
Crown Point, 500 at 18; buyer 60; 1,000 at 17 1/2
Iron Blossom, 500 at 2.32 1/2; buyer 60; 500 at 2.32 1/2; 500 at 2.30
S. King Con., 900 at 4.30
Sioux Con., 1,000 at 20; 1,000 at 20 1/2; buyer 60
So. Col. Con., 1,300 at 18; 1,000 at 19
Sioux Con., 600 at 1.40; 500 at 1.37 1/2; seller 60; 2,100 at 1.37 1/2; 500 at 1.35
Wabash, 100 at 22
West Nev., 1,000 at 49

TOTALS.

Shares	Amount
Regular	47,048 \$36,041.50
Open	27,100 19,657.00
	74,148 \$55,698.50

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Bingham Amalgamated
Black Jack Con.
Bonnie Hill
Brooklyn Con.
Bullcock
Boston Con.
Carla
Century
Colorado
Columbia Con.
Con. Mercur
Crown Point
Daly Judge
Dragon
Dromedary
Eagle & Blue Bell
Eagle's Nest
East Tintie Dev.
Emerald
Goldfield
Goldfield Crown
Grand Central
Ilex
Indian Queen
Ingot
Inyo
Iron Blossom
Iron Hat
Iron King Con.
Keystone
King David
King William
Lead King
Little Bell
Lower Mammoth
Mason Valley
May Day
Mountain Lake
Nevada British
Nevada Consolidated
Nevada Hills

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BROKERS

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MEMBERS SALT LAKE EXCHANGE.

PRIVATE WIRES.

Direct connections with all markets. Perfect facilities for execution of orders in New York and Boston stocks, Chicago grains and Francisco stocks. Accounts carried on conservative margins. Loans made on stocks.

WILL SELL.

5 First National Bank of Ogden, \$200,000 Independent Coal, 300,000 100 Utah-Arizona Gold & Copper Mining Co., 100,000 2 Commercial National Bank, \$127,000 100 Utah-Idaho Sugar Co., 100,000 100 People's Coal, 200,000

used in place of a blast, and this enables the zinc to be saved in the smelting of any ore, while in a blast furnace the blast burns in the zinc. This new process also saves the copper in the ore as a copper matte. Experiments have been in progress five years, and for the last two years the Canadian Zinc company has been actively operating.

Owing to the value of the method in enabling ore to be treated that would otherwise be a waste, the government of British Columbia has assisted in the installation of the plant at Nelson, B. C., and the cost of the same is represented by the expenditure of \$125,000. The electricity for the plant is generated at Bendung Falls, on the Kootenay river. The capacity of the plant is now 10 tons a day, but this is to be increased in the near future.

CONCENTRATES.

At the regular meeting of the board of directors of the Sioux Consolidated Mining company at Provo, Saturday, a dividend of 8 cents a share was voted on the 745,389 shares of outstanding stock of the company. This means a distribution of \$59,631.12. Stocks will close on Jan. 15 and payment will follow on Jan. 20.

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The Mammoth Miner's union will give a grand ball at the Mammoth opera house on Jan. 15. On that occasion excursions will be run from Provo and Salt Lake. The Knight smelter on that occasion will endeavor to show the visitors the art of smelting ores.

The body of Lee Wo, a Chinese cook at the South Columbia mine at Alta, was brought to Salt Lake after being found on a hand sled from the mine to Sandy after the accident Saturday afternoon. The Chinaman was in the kitchen at the mine and was caught in a snow slide and crushed to death.

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LIVESTOCK.

CHICAGO.

Chicago, Jan. 11.—Cattle—Receipts, 40,000; market 10c lower. Hogs—Receipt