

MINING, BUSINESS AND STOCKS

BETTER PRICES FOR LEAD ORES.

There is Little Reason to Doubt Present Settling Price Will Be Increased Soon.

THE BENEFITS OF COMPETITION.

United States Smelting Company Will Be Ready to Receive Ores in Ninety Days.

Although Manager Whitley of the local plants of the American Smelting & Refining company announced upon his return from the east recently that he had no knowledge of any contemplated rise in the local settling price of lead, the indications are that a change will come very soon and that the producer will benefit by it.

With the exception of the firm of Knight & Warnock, the big smelting company has had no competition in the local field. The former, however, does not attempt to bid on anything but the higher grade lead ores, consequently, the small producer and the producer who has nothing but low grade ores to sell must be satisfied with the bid offered him by the big American.

The fact that the United States Smelting company will soon be in the field in competition with the Murray plants in the purchase of this class of ores makes it almost certain that the local price will be advanced. The advent of the independent copper plant in the Salt Lake valley created a better market for the producers of copper ores. Likewise the lead producers will be benefited by the United States company reaching out for their ores.

At Bingham Junction, the United States company is pushing work rapidly on its new lead smelter. It was said by an official today that the plant would probably be completed in about 90 days.

ALMOST A WHITEWASH.

Business Transacted on the Mining Exchange This Forenoon.

The brokers operating on the Mining Exchange transacted just \$196 worth of business this forenoon. One hundred shares of Uncle Sam Consolidated, at 20 cents, was the only order filled during the regular call, the balance of the trading being done on the open board. There was no demand for anything and brokers only bid to make quotations. It was the quietest forenoon on Brokers' Row for months.

The closing quotations and sales were posted as follows:

TODAY'S QUOTATIONS.		
Stocks.	Bid.	Asked.
Alice	10	
AJAX	4	5 1/4
Bullion Beck	7	2 69
Carlin	55	61 1/2
Con. Mercu	2 00	2 35
Daily	4 10	
Daily-Judge	34 00	34 75
E. & B. Bell	48	
Grand Central	3 00	3 50
Horn Silver	1 1/2	2
Ingot	40	42 1/2
Little Bell	1 15	
Lower Mammoth	60	
May Day	95	1 20
Mammoth	5 00	5 50
Ontario	6	9 1/4
Petro	1 1/4	3
Black Bear	21	22
Sacramento	5	10 1/2
Silver King	68	60
Silver Shield	5	1 1/2
South Swans	55	61
Utah	18	21 60
Utah-Sam Con	20 00	
U. S. Mining Co	9 1/2	10 1/2
Yankee	70	73 1/2
Little Chief	2 1/4	3
Manhattan	3 1/2	4 1/4
Martha Washington	10	11 1/4
New York	33 1/2	35
Tetro	44	45

REGULAR CALL SALES.

Uncle Sam Con., 100 at 20.

OPEN BOARD SALES.

Sacramento, 500 at 21.

Silver Shield, 100 at 1.

Uncle Sam Con., 100 at 20.

RECAPITULATION.

	Shares.	Value.
Regular call	100	\$ 20.00
Open board	5,500	55.00
Forenoon totals	5,700	\$195.00

CON. MERCUR MILL.

Three Separators Taking Care of Present Daily Extraction from Mine.

President Dorn of the Consolidated Mercur mines was in communication with Supt. Brown this morning, who informed him that the mines plant is performing its work splendidly and without the slightest hitch occurring anywhere. Three separators are taking care of the present tonnage from the mine.

President Dorn was delighted with the information received and feels quite sure that his troubles are over.

WILLARD SNYDER HOME.

Declares There is Nothing to Give Out Concerning Annie Laurie Deal.

Willard F. Snyder, manager of the Western Exploration company, came in from the east last night after an absence of several weeks. Mr. Snyder declared that he had charge of the government in Park City. The work has been in progress for more than a year and a half. The arrival of the general report will be awaited with interest by men interested in that great camp. It will not be issued, however, for some time. The bulletin issued contains the following:

BOUTWELL ON PARK CITY.

Advance Sheet on Report of Eminent Mining Engineer Has Been Received.

The Geological survey department at Washington has issued an advance bulletin on the work of Prof. J. M. Boutwell, who has had charge of the government in Park City. The work has been in progress for more than a year and a half. The arrival of the general report will be awaited with interest by men interested in that great camp. It will not be issued, however, for some time. The bulletin issued contains the following:

carboniferous age; (2) 1,500 feet of massive unfossiliferous quartzite, probably upper carboniferous age; (3) 500 feet of bluish limestone, probably also of upper carboniferous age; (4) 1,000 feet of red shale and sandstone, 400 feet of calcareous sandstone, 140 feet of red shale, 600 feet of limestone, calcareous sandstone and gray shale, and an unknown thickness of red shale, probably all of mesozoic age. The sedimentary rocks are generally northeast-southwest strike and dip northwest at an average angle of 40 degrees. They are cut by intrusions of diorite and porphyry and locally overlain by andesite or basaltic lava. The diorite intrusions occur as laccoliths and dikes within a belt which traverses the district in the direction of the strike of the beds and of the major fissuring. They have induced metamorphism in the adjacent limestones.

"The unoxidized ores consist chiefly of galena and tetrahedrite, with more or less sphalerite and pyrite. Oxidation, which extends in places to a depth of 500 feet, has resulted in the formation of cerussite, anglesite, malachite, and azurite. Both oxidized and sulphide ores are mined.

"The Park City ores are not broadly disseminated through the rocks, but occur in large bodies, usually in the limestones and near the eruptive masses. Three types of occurrence are recognized, 'massive ores,' 'replacement ores,' and 'contact ores.' In the first the ore carries silver and lead, with or without sphalerite and tetrahedrite, or gold with some silver, and occurs between well defined fissure walls. In the second, the ore carries chiefly silver and lead and occurs as elongated lenses in limestones, roughly parallel to the bedding. In the third, the ore carries copper and gold, with or without lead and silver, and occurs in irregular masses in metamorphosed limestone adjacent to bodies of diorite porphyry. Some of the highest gold values are found in fissures in quartzite."

FROM YELLOW PINE.

Exhibition of Ore from This Well Known Nevada Camp.

A fine collection of ore from the Yellow Pine mining district in Lincoln county, Nevada, was on exhibition in the window of the East Tenth street today. The specimens were brought from the south by W. H. Wilson, who returned from a trip to this camp a few days ago.

Mr. Wilson has great faith in the future of this district, and expects to see a number of good properties opened up there.

MINES OF PICHIE.

Chief Dispatcher Brady Pleased With the Pichie-Nevada Con.

R. W. Brady, chief dispatcher of the San Pedro, Los Angeles & Salt Lake railroad, has returned from a trip of inspection to the property of the Pichie-Nevada Consolidated Mining company, near Pichie, in which he is quite extensively interested.

Mr. Brady came back very much pleased with the outlook for that property. He brought some fine specimens of silver-lead ore with him.

CONCENTRATES.

A carload of Tonopah ore reached the local market today.

The output of the Horn Silver mine for February is reported at 1,600 tons.

Frank H. Buhl, of the Kimberly-Buhl mines in Deer Gulch, Montana, have been adjusted.

The labor troubles at the Kimberly-Buhl mines in Deer Gulch, Montana, have been adjusted.

The Daniels mine, operated by F. Augustus Heinz, near Anaconda, Mont., has been closed down.

The visiting directors of the Ohio Copper company returned to their homes in the east today.

Supt. Raddatz of the Honerline Mining company expects to have the new 450-ton mill running on ore by next Sunday.

Manager M. M. Johnson of the Newhouse mines has returned from a pilgrimage to Colorado in the interests of Mr. Newhouse.

The ore and bullion settlements reported last yesterday were as follows: Crude ore and concentrates \$34,900; base bullion, \$31,200. Total, \$66,100.

The adjourned session of the Emerald stockholders is scheduled for next Saturday, at which time directors to serve during the ensuing year will be chosen.

The pumps at the Silver King Consolidated at Park City were started yesterday and were reported to be reducing the water in the shaft at the rate of 500 gallons per minute.

Developments are progressing favorably at the Corona property at Park City. The crosscut has penetrated the vein for a distance of 18 feet and shows continued improvement.

Superintendent Charles Crismon of the Utah mine at Fish Springs is expected to arrive from camp next Saturday.

President MacNeill and Secretary Penrose of the Utah Copper company will conclude their investigation of local interests tomorrow and take their departure for Colorado.

Some difficulty is being experienced with slimes at the Daisy mill on the West End. Manager Arthur Murphy stated that while the ore averaged all of \$4 per ton during the month of February, the saying lately has been little better than 5 per cent.

John Brooks, superintendent of the Ohio Copper company's mill at Bingham came in from camp last night. He is waiting on the management of the mill and expects to clear up its work and resume the transportation of ore from the mine. In the meantime the plant is shut down. Manager McVie of the railway company assured producers today, however, that the line will be open by tomorrow.

The Honerline West Mining company is the name of a new corporation formed to operate in the camp of Stockton. The company starts off with property embraced in 23 lode mining claims. The capital stock of the corporation is fixed at \$2,500,000, and the officers for the first year are: H. F. Bauer, president and treasurer; Fred C. Richmond, vice president and secretary; who, with Mr. H. Soules, S. V. Ham and E. J. Raddatz are directors.

This morning at 5:45 a snowslide struck the Lost Packer buildings, tearing away a shed and completely filling the diningroom and kitchen with snow. John Thomas and wife, who were asleep in the building, were covered and barely escaped death. Owing to the dangerous place in which these buildings are situated, it was considered advisable to move, especially so as other and more dangerous slides were momentarily expected. The removal of the Lost Packer buildings, with all their bedding and provisions, was at once made to the Sunset mine, where they will reside until all danger is past—Custer (Ida) Prop.

MIDAS MILL TO START SOON.

The Remodeled Plant Will Go Into Commission in Less Than Three Weeks.

\$100,000 WORTH OF ORE.

Blocked Out and Ready for Extraction—Mill Produced 50,000 During Last Run.

Preparations for the starting of the Midas 40-ton cyanide mill in the Cliff-ton mining district are steadily going forward and Manager James Chipman said today that everything would probably be in readiness for the event about the 20th inst.

For more than a year past all efforts have been directed towards the development of the mine. The result has been most gratifying to the officers of the company and Manager Chipman believes he is making a conservative estimate when he states that the company will realize no less than \$100,000.

During the last run of the mill, which was closed down on account of a scarcity of water, something like \$10,000 was cleaned up, the extraction running about 90 per cent, while the average value of the heads was \$20 to the ton. The water problem, Mr. Chipman states, has been solved and he believes there will be no shutdowns on this account. The company has developed a better supply and in addition to this has arranged to secure reinforcement from another source.

The Midas mine is located about 25 miles west of Fish Springs and near Canyon station, once a familiar point to travelers on the old overland stage road.

MOLYBDENITE ORES.

Method for the Concentration of Those of Low Grade.

Inasmuch as a considerable amount of molybdenite ores have been found in southern and eastern Utah, the following bulletin issued by an eastern mining school is not lacking in local interest:

The rapidly increasing use of the metal molybdenum in the manufacture of tool steels, armor plate, etc., has necessitated the discovery of some method by which poor molybdenum ores may be concentrated to contain at least 50 per cent of the metal, since ores less rich than this cannot be profitably smelted. Molybdenite, the principal source of molybdenum, is found widely distributed in various localities in New Brunswick, Ontario, Quebec and British Columbia of Canada, and also occurs in association with quartz and also in granites, gneiss and pyroxenites, associated with pyrites, mica and other minerals.

So far the mineral has generally been concentrated by hand picking. Several methods have been devised for the mechanical concentration of the ore, and some recent experiments in the direction made by J. W. Wells of the Kingston school of chemistry, have met with success. The method is simple and depends upon the fact that molybdenite, when passed through rolls, does not become pulverized, but separates into flakes while the accompanying minerals are crushed to powder. As an illustration of the application of the process it may be stated that a sample of ore containing 50 per cent pyrite, 10 per cent of pyrites and 40 per cent of molybdenite in addition to calcite, mica, quartz, pyroxene, etc., after passing through rolls and being screened through a .02 inch sieve, furnished 14 per cent of flakes, consisting principally of mica and molybdenite. After a second screening through a .19 inch mesh, a further 15 per cent of material of similar composition was obtained. The two concentrates in each case contained about 55 per cent of molybdenite.

The concentrates of 45 per cent of mica, 70 per cent of molybdenite, 10 per cent of pyrites, etc., were tried, but the best results were obtained with the Wetherill magnetic separator, which removed practically all the mica and gave an ore containing 90 to 91 per cent of molybdenite."

ATLANTA DISTRICT.

Future Looks Bright for This Old Time Idaho Camp.

C. M. Brown, the Atlanta mining operator, came in this morning and is stopping at the Capitol, says the Boise Capital News. Mr. Brown owns the Rico and Mammoth claims, besides other locations near Atlanta. He says the prospects in that section are very flattering. While he has only done the assessment work on his properties he says the prospects are very good, as says from the surface showing free gold averaging \$35 per ton.

He says that Messrs. Birdell and Richardson, who own a property a mile north, are driving a tunnel on their claim and expect to tap the ledge at a distance of 150 feet and at a depth of 80 feet.

Four miles north of this property Messrs. Crab, Butler, Teshe, Dichus and Irvine are developing a new gold lode and expect to tap the ledge they have opened up a fine body of ore at a depth of 150 feet. It was his understanding that it was 11 feet wide but he had understood since reaching Boise that it was 7 feet wide.

Today's Metal Quotations.

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

SILVER, 57 3/4

COPPER, casting - 11 1/2

"electro, 11 1/2

LEAD, - \$3.50

New York Quotations:

LEAD, \$4.60@4.65

COPPER, 121-4@12 1/2

The pleasure of a day's baking is greatly enhanced when you can feel assured of good flour.

HUSLER'S FLOUR

never fools you—it's always the same year in and year out.

LOCAL MARKETS.

There are but few changes in the local retail and wholesale markets today. Eggs and butter remain weak, notwithstanding the persistent attempt to build the butter market by parties particularly interested in keeping the price up. Potatoes are cheaper, and soft shell crabs are in the market. Wholesale prices of cheese have fallen off half a cent. A very fine sweet article of cheese is being received into this market from Idaho which is rapidly becoming a cheese manufacturing state; and the cheese is so good that it promises to limit the sale of the eastern article in this market. The prices obtaining in the local markets today, are as follows:

FARM PRODUCTS.

Wheat, per bushel	1.10
Corn, per 100 pounds	1.50
Corn, cracked, per 100 pounds	1.70
Montana oats, per 100 pounds	1.50
Idaho oats, per 100 pounds	1.40
Flour, family, per 100 pounds	2.35
Flour, straight grade, 100 pounds	2.35
Flour, high patent, per 100 pounds	2.85
Brans and shorts	1.20
Straight shorts	1.30

MEATS AND POULTRY.

Dressed beef, per pound	12 1/2 to 20c
Dressed pork, per pound	13 to 17 1/2c
Dressed mutton, per pound	12 1/2 to 20c
Dressed lamb, per pound	17 1/2 to 25c
Lard	10c
Dressed hens, per pound	18c to 20c
Dressed spring, per pound	20c
Dressed ducks, per pound	20c
Turkeys	25c

DAIRY PRODUCTS.

Butter, per pound	25
Cheese, per pound	20
Eggs, per dozen	20 to 25
Pancake cheese, per pound	15 to 20
Eastern cheese, per pound	20

FRUITS AND VEGETABLES.

Turnips, per peck	20
Peas, per peck	20
Beets, per peck	20
California Cauliflower, per pound	15
Oranges, per box	\$2 to \$2.50
Oranges, per dozen	15 to 20
Lemons, per box	\$3.50 to \$4.50
Apples, per 100	1.50
California radishes, per bunch .....	.05
Bananas, per dozen .....	.30
Utah apples, per peck .....	.50 to .75
Potatoes, per bushel .....	.75
California green beans .....	.15
Fancy dry onions, four pounds .....	.25
Carrots, per peck .....	.20
Utah celery, one bunch .....	.10
Dill pickles, per quart .....	.15
Figs, California, package .....	.15
Figs washed, per pkg .....	.30
Cranberries, two quarts .....	.35
Mixed nuts, two pounds .....	.35
Cabbage, 4 pounds for .....	.25
Rhubarb, per pound .....	.10
Strawberries, coffee, 2 pkgs. .....	.35
Grape fruit, per 100	10 to 12 1/2
Sprouts, per pound .....	.15
Green beans, two pounds for .....	.35
Water cresses, per bunch .....	.05
Teas, per pound .....	.50 to \$1.00
Coffee, 2 pounds .....	.50
Green onions, per bunch .....	.05

FISH.

Steel head salmon, per pound	17 1/2
Frozen salmon	15c
Halibut, per pound .....	.15
Striped bass per pound .....	.20
Sea bass .....	.15
Shad, per 100 .....	.15
Sole, two for .....	.25
Flounders, per pound .....	.15c, two for 25
California smelts, per pound .....	.15
Sturgeon .....	.15
Crabs, per 100 .....	.17 1/2
Lobsters .....	.17 1/2
N. Y. Counts Oyster, per can .....	.50
Extra select, per can .....	.50
Blue points in shell, per doz .....	.25
Standards, per quart .....	.50
Crabs, each .....	.25 to 35

WHOLESALE.

FARM PRODUCTS.

Alfalfa, per ton, baled	\$11.00
Timothy, per ton, baled	14.50
Wheat, per bushel	1.00
Corn, per 100 pounds	1.50
Corn, cracked, per 100 pounds	1.70
Montana oats, per 100 pounds	1.50
Idaho oats, per 100 pounds	1.40
Flour, family, per 100 pounds	2.35
Flour, straight grade, 100 pounds	2.35
Flour, high patent, per 100 pounds	2.85
Brans and shorts	1.20
Straight shorts	1.30

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Dressed beef, per pound	12 1/2 to 20c
Dressed pork, per pound	13 to 17 1/2c
Dressed mutton, per pound	12 1/2 to 20c
Dressed lamb, per pound	17 1/2 to 25c
Lard	10c
Dressed hens, per pound	18c to 20c
Dressed spring, per pound	20c
Dressed ducks, per pound	20c
Turkeys, per pound	25c

DAIRY PRODUCTS.

Butter, per pound	25
Cheese, per pound	20
Eggs, per case	\$5.00
Eastern fancy cheese	14c

FREE LAND.

The advocates of Socialistic schemes are not always in their propaganda, received pleasantly. The late Henry George, the single tax apostle, used to relate without rancor a mishap that befell him during his lecturing tour of Great Britain in 1883.

Mr. George was speaking one day in the open air. He had just alluded to "What we want is free land, free land—when a cloud of earth came sailing through the air towards him, and a horse voice cried:

"There's a bit o' Devonshire for ye to begin with."

PROBATE AND GUARDIANSHIP NOTICES.

Consult County Clerk or the respective signers for further information.

NOTICE TO CREDITORS—ESTATE OF JOSEPH BULL.

Joseph Bull, deceased, has left creditors will present claims with vouchers to the undersigned at No. 24 First North Street, Salt Lake City, Utah, on or before the 5th day of July, A. D. 1904.

ZINA HYDE BULL.

Executrix of Estate of Joseph Bull, Deceased.

Date of first publication 2nd day of March, A. D. 1904.

A. Miner, Attorney.

IN THE DISTRICT COURT, PROBATE DIVISION, IN AND FOR THE COUNTY OF SALT LAKE, STATE OF UTAH.

In the matter of the estate of Joseph J. Burnwood, deceased. Notice is hereby given that the undersigned, praying for the issuance to himself of Letters of Administration in the estate of Joseph J. Burnwood, deceased, has been set for hearing on Friday, the 19th day of March, A. D. 1904, at 10 o'clock a. m., at the County Court House, in the Court Room, in Salt Lake City, Utah.