

## MINING, BUSINESS AND STOCKS

HEAVIEST DAY  
IN SOME MONTHSSalt Lake Stock Exchange Has  
Banner Morning  
Session.

UTAH MAINLY IN DEMAND.

Market Was Strong and Active and  
General Trend of Prices Was  
Upward.

This morning's session on the floor of the local exchange was one of the heaviest in point of business of any Monday morning in a number of months. The general tone was healthy and several stocks made good advances. Carissa sold at 1.30 to 1.35 during the regular call, but dropped from 1.40 to 1.25 on the open board. A number of shares of Victor Consolidated sold readily at from 12 to 13 cents, as was the case with Mammoth at 1.57 1/2 to 1.60.

Of the Nevada stocks Nevada Hills and Lou Dillon were alone represented on the regular call, but during the board session Nevada Fairview let out a few shares at 2 1/2 and 2 3/4. Bids for Nevada other than those were conspicuous by their absence.

During the regular call 25,635 shares changed hands at \$18,725, the sales during the open board session amounting to 16,500 shares, representing a worth of \$11,763 75.

The quotations for the day closed as follows:

TODAY'S QUOTATIONS.		
UTAH STOCKS.		
	Bid.	Asked.
Alcoa	7.00	
AJAX	.25	.30
Bullion Beck	.25	.30
Carissa	1.30	1.35
Con. Merc.	.50	.53
Daly	2.00	
Daily Judge	11.75	12.12 1/2
Daily West	19.00	20.00
Engle & Blue Bell	.25	.30
Gen. Central	3.25	3.50
Galea	.06	.12
Little Bear	8.50	9.00
Lower Mammoth	.85	.88
Mammoth	1.47 1/2	1.52 1/2
May Day	.14 1/2	.15 1/2
Ontario	3.25	3.45
Silver King	22.00	23.00
Silver Shield	.12	.12 1/2
Star Consolidated	.13 1/2	.14 1/2
Swansea	.60	.65
United States (com.)	60.00	63.50
Utah Mine	1.30	2.00
Utah Sam Con	.35	.40
Victoria	.15	.18
Butler Liberal	.06	.10
Beck Tunnel	1.37 1/2	1.40
Black Jack	.46	.50
Century	.25	.30
Colorado Mining	.52	1.00
Dalton	.00 1/2	.01
Ingot	.02	.02 1/2
Joe Bowers	.02	.02 1/2
Little Chief	.24	.25
New York	.24	.25
Richmond Anaconda	.08 1/2	.09
Scottish Chief	.20	.21 1/2
Utah Michigan	.20	.25
Victor Con	.12	.13
Wabash	.45	.55
Yankee Con	.40	.50
NEVADA STOCKS.		
	Bid.	Asked.
Nevada Hills	3.10	3.25
Nevada Fairview	.32	.35
Carissa	1.30	1.35
Lou Dillon	.49	.50
Mohawk	18.00	
Red Top	4.20	
Sandstorm	.50	1.00
Silver Pick	1.40	
St. Ives	.85	
Montgomery Mountain	.59	
Spray Dog	.70	

REGULAR CALL.		
Carissa—100 at 1.30; 600 at 1.35; 1,400 at 1.40; 500 at 1.37 1/2; 1,550 at 1.37 1/2; 200 at 1.35; 300 at 1.45; seller 60.		
Daily—400 at 4.00.		
Lower Mammoth—3,100 at \$5; 1,000 at \$4.		
Mammoth—100 at 1.57 1/2; 100 at 1.55 1/2; 200 at 1.50; 300 at 1.45; seller 60.		
May Day—500 at 1.45; 1,000 at 1.50; Nevada Hills—100 at 3.20; Nevada Fairview—500 at 32; 1,500 at 22 1/2; 1,000 at 33.		
Silver King—210 at 22.50; 25 at 23.00.		
Silver Shield—1,500 at 12.50; 1,000 at 12.00; 500 at 11.75; 200 at 11.50; 100 at 11.25; 50 at 11.00; 25 at 10.75; 10 at 10.50; 5 at 10.25; 2 at 10.00; 1 at 9.75; 500 at 13; seller 60.		
OPEN BOARD.		
Beck Tunnel—200 at 1.40.		
Carissa—200 at 1.40; 500 at 1.37 1/2; 100 at 1.35; 400 at 1.32 1/2; 100 at 1.30; 1,550 at 1.27 1/2.		
Columbus Consolidated—100 at 6.55; 100 at 6.60.		
Daily—100 at 2.05.		
Daily Judge—50 at 12.00.		
Little Chief—1,000 at 17; 2,000 at 17 1/2.		
Lower Mammoth—1,600 at \$5; 2,000 at \$4; 300 at \$3.50.		
Mammoth—100 at 1.55.		
Nevada Fairview—500 at 31 1/2; 500 at 32 1/2.		
Silver Shield—500 at 12.		
Victor—500 at 12; 2,000 at 12 1/2.		

RECAPITULATION.		
Shares.	Value.	
Regular call.....	25,635	\$18,712.25
Open board.....	16,500	11,763.75
Totals.....	42,135	\$30,476.00

A. S. CAMPBELL.  
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Our facilities are unequalled for executing orders in all markets. TELEPHONE US YOUR ORDERS.

## Today's Metal Quotations.

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

SILVER, 71 1/2%  
COPPER, Casting, 21 1/2%  
COPPER, Cathodes, 21 1/2%  
LEAD, 5 1/2%

## NEW QUOTATIONS.

COPPER, Firm, 21.75 to 22.50  
LEAD, Steady, 5.75 to 5.95

## ARTICLES FILED.

Eureka Miners' Mercantile Co. Organized With Capital of \$10,000.

A copy of the articles of incorporation of the Eureka Miners' Mercantile company of Eureka was filed with the secretary of state today. Its capital stock is \$10,000, divided into shares of the par value of \$1 each. G. A. Odell is president; J. W. Matthews, vice president; J. L. Snow, treasurer; C. E. Berry, secretary.

## HARD WORK TO COME.

Borax Smith Road Now Faces Difficult Problem.

President Blount of the Greenwater Miners' union, just returned from the end of the Borax road, says the Greenwater Times. He says there are between three and four hundred men working and building many houses grading, but they have seven miles of the very hardest kind of work, and it will take at the least calculation six months before they can expect to run trains through the Amargosa canyon.

Mr. Blount did not learn when freight could be handled, but it is reported that the Borax Smith is planning to handle some of the freight into Greenwater.

## CARISA POSTS DIVIDEND.

Regular Monthly Distribution of Profits Takes Place on 20th.

The board of directors of the Carissa company met Saturday and posted the regular monthly dividend of \$5,000 or 1 cent a share on the capital stock.

On Monday, by the courtesy of Manager Harry Joseph, the mine was thrown open to visitors, and quite a number of Salt Lake took advantage of the opportunity to inspect the property.

The report on the mine by Newton Dunyon for New York parties was completed and mailed Saturday. This is understood to have been highly favorable, and concludes as follows:

"In conclusion, I consider that you have a very valuable property, one as a present dividend payer, but with proper development, high grade ore in large quantities will be found in other parts of the mine."

Since the above was written there has been opened up on the 300-foot level in the upraise at station 5, six feet of ore that assays 200 to 250 ounces average sample taken by myself, 32 ounces gold, 236.3 ounces silver and 2 per cent copper. This had been penetrated for 10 feet by upraise when sample was taken."

## DETAILS OF BIG DEAL.

Merger of Four of Goldfield's Richest and Most Promising Mines.

A special from Goldfield to the Denver Mining Record says:

The greatest mining deal occurring in the history of Goldfield, and perhaps in the history of Nevada mining, was consummated yesterday, when Wingfield Nixon, pre-eminent in Goldfield's already marvelous success, concluded final arrangements bringing under one management, four of Goldfield's richest mining properties—the Mohawk, Jumbo, Red Top and Laramie.

But a few days ago these gentlemen secured control of the Red Top and Jumbo, an action that for a time set the western mining world aflutter with expectancy and served to substantially increase the price of shares of these mines. Rumors preceding the deal just closed caused intense excitement for many days.

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THE MOULTON WILL  
BE GREAT CAMPLocated in the Paradise Range,  
Nevada, and is Growing  
Steadily.

PROPERTY IS HIGH PRICED.

Many Recent Strikes Have Been Made  
And Some of These Show  
High Value.

Manhattan, Nevada, Nov. 12.—Frank Benedict, who recently returned to his home in Tonopah, after a visit to mining properties in which he is interested in Utah, arrived in Manhattan this week from a visit to the new camp at Phonolite in the Paradise range, that group of low-lying hills which separate the lone and Lodi valleys. He states that mining conditions at Phonolite have increased remarkably since the occasion of his first visit and predicts a great future for the camp.

He states that the ore formation is practically identical with that which obtains at Cripple Creek and that rusty gold and a little sylvanite shows in the phonolite and porphyritic quartz veins. He also states that the section in parallel lines with the Cripple Creek and that the ore formation of the two camps and their relation to each other.

## PENDE ROSA GROUP SOLD.

Mr. Benedict further states that the Pende Rosa group of claims, located about 600 feet from the Silent Friend claim, the first property in the Phonolite group, has been sold for \$40,000 and that the new owners are preparing to ship in a plant of machinery and develop their acreage along the Cripple Creek line.

An offer of \$100,000 for the Silent Friend was recently refused and judging from the character of the specimen from that property which Mr. Benedict showed in this camp it is not at all unlikely that the owners were decidedly wise in turning down the tempting offer. Every block on the Pende Rosa group is pushing out conditions are favorable for the location of pay grade in place within a comparatively short time.

## MANY STRIKES.

Mr. Benedict reports favorable strikes on the Paymaster, Climax and Black Mule claims, which are all in the Pende Rosa group. He says that the Pende Rosa group has sold 45 lots. There are at least 500 prospectors in the Phonolite section and about 35 tents are pitched on the property, including a general merchandise and fitting store. People are arriving daily and after looking over the ground become convinced of its worth and drive their stakes.

## PREPARING RICH SHIPMENTS.

Montgomery-Shoshone Co. Will Send Out \$1,000,000 Worth of Ore.

At the completion of the railroad into Bullfrog, Montgomery-Shoshone Consolidated mine will send out a shipment of ore claimed to be worth \$1,000,000, and its neighbor, the Montgomery-Shoshone, is expected to follow. The latter property is now installing a gasoline hoist and will sink the shaft to the 300-foot level. At this point a crosscut will be run to the quartz vein which traverses the mountain and is the source of the great values on the consolidated property.

Bullfrog, unlike many mining camps, is not confined to a restricted area, but the mineralization extends for over eight miles in width and nearly 15 miles in length under water and white. Mining district in the state at present. On Bonanza mountain, opposite Montgomery mountain, are situated some of the most valuable properties in the state, the Tramps, Gibraltar and Golden Scepter, all being mines with a future which is undisputed. The Gibraltar has recently opened up some rich ore and five veins on a property trend across the Scepter. The latter company has installed a compressor plant and will increase its force largely while the entire district is the scene of activity.

In the opinion of J. S. McCormack, who has recently returned from Bullfrog, the development of that camp has now reached a point which premeates the attention of the mining world with in six months and he is satisfied that it will still be a shipping camp after the other of the district of southern Nevada have been worked out.

## GROUND WATER.

Occurrence in Crystalline Rocks—Laws Governing Same.

While the laws governing the occurrence of ground water in unconsolidated materials and in porous sedimentary formations are now generally understood, little has been written concerning the sources of supply for wells in the so-called crystalline rocks. For this reason, when an opportunity presented in connection with such investigation made by members of the United States Geological Survey of the underground waters of Connecticut, special attention was given to the development of water in such rocks. Mr. E. E. Ellis of the survey has contributed a paper to the annual hydrological report, "Underground Water in Crystalline Rocks," in which the general results of this investigation are set forth.

The term "crystalline" is applied to rocks whose component grains have crystallized into their present relative positions; contrasted with them are the sedimentary types, which are laid down under water and which generally consist of fragments of older rocks mechanically arranged. Under the head of crystalline rocks two main types may be distinguished—igneous rocks, such as granite, diorite, gabbro, granodiorite, etc., which were once in a molten condition, and crystallized and consolidated on cooling; and metamorphic rocks, or gneisses, which were originally either sedimentary or igneous, but have been altered by metamorphic processes to their present form. The Connecticut limestones, or marbles, are classed with the crystalline rocks.

The water of the crystalline rocks occurs, so far as it can be secured by wells, wholly in joints, faults, or other fracture openings, the pores and schistosity planes being too close to permit active circulation. The water seems to occur largely in the vertical joints or faults, especially in the sheeted zones consisting of numerous crowded fracture planes. In connection with a common spacing between the surface joints is 7 to 7 feet, but in some cases they are much farther apart. At depths more than 10 feet the space becomes greater owing to the dying out of subordinate joints.

The spacing of the horizontal joints

It pays to discriminate, when the matter of one's health and palate pleasure are involved.

Discriminators use  
HISLER'S  
FLOUR!

is rather regular. In the first 20 feet below the surface they average 1 foot apart, for the next 20 feet from 4 to 7 feet, and in the following 50 feet they are from 6 to 20 feet or more apart.

The most favorable points for water are at the intersection of two or more of the joint systems, the circulation being often concentrated at these points.

## LOCAL MARKETS.

In today's markets, the receipts include thousands of Irish potatoes from northern Utah and southern Idaho, Wisconsin cranberries, Manhattan, Kan., sweet potatoes, bananas, lemons (mostly from California), apples, onions from Utah, Turkish dates, etc., also smaller lots of eastern cheese, oysters, celery, California lettuce, etc. The new crop of lemons is reported as very good. Eggs are now as high as \$10 per case, but dealers say this is as high as they will go. The prices obtaining today are as follows:

RETAIL.	
Timothy, per cwt.	95
Alfalfa	85
Corn, per cwt.	1.40
Wheat, per cwt.	1.40
Oats	1.65
Barley, rolled, per cwt.	1.50
Family flour, per cwt.	1.85
Flour, straight grade, per cwt.	1.95
Flour, high patent, per cwt.	2.15
Bran and shorts	1.00
Straight shorts	1.20
Corn meal, per cwt.	1.30 to 1.40

## MEATS AND POULTRY.

Dressed beef, lb.	12 1/2 to 13 1/2
Dressed mutton, lb.	11 1/2 to 12 1/2
Lard	11
Dressed springs, lb.	22
Butter, 1 lb.	20 to 22
Milk, 1 qt.	10 to 12
Teal duck, pair	60 to 65
Other duck, (large)	50

## DAIRY PRODUCTS.

Butter, lb.	20 to 22
Eggs, lb.	35 to 40
Butter, 1 lb.	20 to 22
Neufchatel cheese, per lb.	10
Pkz. cream cheese, 2 lbs.	25

## FRUITS AND VEGETABLES.

Tokay grapes, basket	75
Almonds, per pound	30
Walnuts, per pound	25
Pecans, per pound	25
Filberts, per pound	25
Grapes, per pound	15
Blackberries, per bushel	10
Oranges, per box	5.00 to 5.50
Oranges, per dozen	40 to 75
California lettuce	10
Pears, per pound	5 and 10
Apples, per bushel	10 to 15
Limes, per 100	1.50
Onions, per bushel	25
California sweet potatoes, 7 lbs.	25
Turnips, per bushel	25
Pumpkin, each	50 to 100
Bananas, per dozen	50 to 60
Cider, per gallon	60
Honey, lb.	15
Butter, 2 pounds for	5
Potatoes, per bushel	10
Beets in cans, each	20 to 25
Dates, per lb.	10 to 20
Canned pumpkins	20 to 25
Green onions, 2 lbs.	10
Parley, per bushel	15
Saratoga chips, per lb.	35
Red cabbage, per pound	5
Carrots, 2 pounds for	5
Chinese radishes, each	5
Celery, per bunch	5
Celery, 3 lbs.	25
Kraut, 2 lbs.	25
Sour pickles, quart	10
Cranberries, per quart	15
Fresh pumpkins, each	15 to 20
Hubbard Squash each	15
Cauliflower, 3 lbs. for	25
Wolf River apples, per peck	75
Imported figs, per lb.	30

## FISH.

Oysters, per can	40 to 60
N. Y. Counts, per dozen	95
Sea bass, per pound	25
Halibut, lb.	15
Macaroni, per lb.	20
Shredded salmon, per pound	17 1/2
Spanish mackerel, per lb.	20
Fresh mackerel, per lb.	20
Kipperd salmon, per lb.	20
Onion, per pound	15
Catfish, per lb.	15
Barbacuda, per lb.	15
Stripped bass, lb.	22 1/2
Flounder, lb.	15
King fish, lb.	25
Rock cod, lb.	15
Lobsters, per lb.	20
Finan crabs, per lb.	15
Crabs, each	20
Smoked salmon, per lb.	20

## WHOLESALE.

## FARM PRODUCTS.

Alfalfa, per ton, baled	15.00
Timothy	17.00
Wheat, per cwt.	1.40
Corn, per cwt.	1.40
Oats	1.60
Flour, family, per cwt.	1.85
Flour, straight grade, per cwt.	1.95
Flour, high patent	2.15
Bran and shorts	1.00
Corn meal, per cwt.	1.30 to 1.40

## DAIRY PRODUCTS.

Creamery butter, lb.	20
Ranch butter, per lb.	20
Cheese, per lb.	15 to 20
Butter, 1 lb.	20 to 22
Neufchatel cheese, per lb.	10
Pkz. cream cheese, 2 lbs.	25

## MEAT AND POULTRY.

Dressed beef, pound	12 1/2 to 13 1/2
Dressed mutton, pound	11 1/2 to 12 1/2
Lard	11
Dressed springs, lb.	22
Butter, 1 lb.	20 to 22
Milk, 1 qt.	10 to 12
Teal duck, pair	60 to 65
Other duck, (large)	50

EFFECT WAS THAT STOCKS WERE  
Brought Out Very  
Freely.

## EARLY IN DAY SHORTS COVER

When Pressure to Sell Was Removed  
There Was Rather Feeble  
Rebound.

New York, Nov. 12.—Large selling orders appeared in the stock market when trading began under which prices declined sharply all around. Great Northern preferred fell 2, Canadian Pacific and Anaconda 1 1/2, Union Pacific 1 1/2, Pennsylvania, Reading, Atchafalpa, Brooklyn Transit, National Lead, St. Paul, Erie, Baltimore & Ohio, New York Central Missouri Pacific, Amalgamated Copper and Colorado Fuel and Iron. Mexican Central advanced a point and Kansas & Texas 1/2. Covering by shorts strengthened the market and some stocks recovered sharply but again dropped back to the opening level when the