

Mining, Business and Stocks

BULLION-BECK LEASERS ARE BUSY

James McPherson and Associates Have Opened About Eight Feet Of Good Ore

STARTING OF MAMMOTH MILL.

Plant Now Being Put In Order—McKinley Co. Settles Its Troubles—Other Tintic News.

Special Correspondence.

Eureka, Sept. 10.—Great improvement in the mineral output on the lease in the Bullion-Beck mine, operated by James McPherson and the McKellar brothers, is being noted this week; the ore having been penetrated a distance of eight feet without striking the other wall. Work is progressing 100 feet south of the shaft and after drifting 15 feet, opened up the ore body which is in the nature of high grade galena carrying good values in silver. The leasers commenced hoisting this week, and if the ore bodies hold out until their lease expires, they will be able to make a visit to their native heath. They still have 100 feet of ground which has not yet been prospected in which to upraise on the ore body. Walter Brand has purchased the lease of Jacob Brant on the same ore body as the above, below the 700 level.

Supt. Samuel McIntyre informed the "News" correspondent today that work at the Mammoth mill would be resumed inside of 10 days. A force of workmen is busily engaged in putting the mill in shape for handling the low grade ores of the Mammoth mine. The mill will handle 125 tons every 24 hours. There will be no changes in the machinery of the plant for the present.

On Wednesday J. P. Pederson and William Stauffenberg of this place left for the New Utah claims, owned by them in West Tintic, where they will build a shaft, house, blacksmith shop and erect other buildings. The McKinley Mining Co. stockholders will hold a meeting today, when arrangements will be made to consolidate the General Logan claims with the McKinley group. Active work will be commenced on the property Monday morning. The property of this company is levelled local, joining the Centennial-Eureka mine on the west. The old workings have been productive of some fine ore.

Considerable ore is being taken from the Eagle & Blue Bell mine lately and the working force has been materially increased.

The ore shipments from Tintic district for the week ending Sept. 9, amounted to 82 cars, and seven carloads of concentrates. The ore was produced by the following properties: Bullion-Beck, 6; Gemini, 1; Centennial-Eureka, 46; Eagle & Blue Bell, 4; Grand Sam Cons., 11; Mammoth, 15; Uncle Sam Cons., 4; Adair, 2; Centria, 1; Total, 32. Concentrate: Uncle Sam Mill, 3; Eureka Hill Mill, 4. Total, 7.

ON MINING EXCHANGE

Daily-West Advanced to \$18.50—Con. Merc in Better Tone.

The sales of the week on the floor of the Salt Lake Stock and Mining exchange aggregated a total of \$192,032 shares for which was paid \$18,688.12. Among the features of the trading was the notable picking up in Daily-West, which advanced to \$15.50, a gain of about \$1 a share. Consolidated Merc also ended up in somewhat better tone. Mammoth is another stock that has made progress and held up to firm figures during the week. United States is quoted lower, but none of this stock has been produced during the week. Tetro has been on the toboggan and sank several points. Sacramento transferred at 11 cents and better. Brokers bid up for Horn Silver but no stock was brought out. Little was done in the Tonopah stocks.

The quotations and sales of today were as follows:

TODAY'S QUOTATIONS.

Stocks.	Bid.	Asked.
Allee	50	
Adair	8	
Bullion Beck	1.00	1.70
Carla	8	10
Con. Merc	27 1/2	30
Crode		20
Daily	2.20	2.35
Daily-Judge	4.25	4.55
Daily-West	15.00	15.50
Eagle & Blue Bell	75	80
Grand Central	3.30	4.00
Horn Silver	1.55	
Lower-Mammoth	5 1/2	20
May Day	1 1/2	1 3/4
Mammoth	1 1/2	1 3/4
Ontario	3.50	
Petro		8 1/2
Sacramento	11	
Silver King	18.50	
Silver Shield	4	4 1/2
South Swansea	4	7 1/2
Star Con.	14	14 1/2
Sunshine	2	2 1/2
Swansea	41	50
Utah	22 1/2	23 1/2
Uncle Sam Cons.	20.00	21.50
United States	1.00	1.50
Victoria	6.75	
Boston Con.	10	10 1/2
Century-Liberal	35	40
Butler	10	10 1/2
Little Chief	14	15
Martha Washington	24	1
New York	28 1/2	31 1/2
Richmond Anaconda	1	1 1/2
Tetro	20 1/2	21 1/2
Victor Con.	1	
Wabash	32	33
Yankee	32	33
Tonopah Stocks		
Tonopah	7.50	
Montana-Tonopah	3.00	3.20
Goldfield Bonanza	4 1/2	

REGULAR CALL SALES.

Carla, 30 at 8.
Daily-West, 20 at 1.50.
New York Bonanza, 1.00 at 20.
Uncle Sam Bonanza, 1.00 at 3, seller 5.

OPEN BOARD SALES.

Columbus Con., 22 at 1.50.

SALE OF ORE AND BULLION \$251,000.

	Bullion	Gold
Sept. 5.....	\$34,695	\$49,000
Sept. 6.....	68,700	125,500
Sept. 7.....	45,800	45,500
Sept. 8.....	54,300	41,300
Sept. 9.....	32,400	27,800
Totals.....	\$233,200	\$286,400

The independent copper smelters crowded the 1,000,000 pounds mark pretty close this week, the actual shipments from the three plants aggregating 906,753 pounds. The Bingham Consolidated made a new record, and the other plants show a heavy output as follows:

	Pounds.
Utah Consolidated.....	260,600
Bingham Consolidated.....	301,823
United States.....	244,520
	906,753

RECAPITULATION.

	Shares.	Value.
Regular call.....	3,530	\$637.5
Open board.....	2,225	\$32.50

Today's totals.....4,755 \$1,016.25
Week's total.....182,023 \$18,985.52

MINING IN BINGHAM.

Improvement in Bingham—New Haven Properties—Other News.

Mining property at and near head of Carr fork is rapidly being consolidated—the great Bingham New Haven was made by absorbing the celebrated Davis & Gebhardt group besides a number of other important claims. The company, however, is not likely to quite cover all of the Carr fork, as an eastern syndicate is understood to be negotiating for the Julia & group, adjoining the Bingham-New Haven. The showing in the Julia & is reported to have steadily improved since work began last month, and the prospect is good that its lower tunnel will soon be in "all kinds of ore."

Peter Porter of the Clifton group of mines, was signing new developments early in the week. He says conditions are most encouraging. The character is certain to become a producer of considerable merit, and opinion is freely expressed that it will advance to a place among the leaders. In running the long tunnel several fine ore streaks have been struck. Mr. Porter was accompanied by George Gunn of the A. S. & R. Co.

It is expected that the branch bucket tramway to connect the Galena mine with the old Jordan tramway will be completed in October. Contracts for material will soon be filed.

The new plant will include separate ore, of which there should be a large yield now that the mine has established new levels from its deepened shaft.

Jiggers along main canyon creek are making good wages from old tailings deposits.

The Yampa smelter is making a steady run, with results much better than have been previously attained. Nearly 200 tons of ore are now treated daily.

SEVEN DEVILS MINES.

Improvements Being Made by the Ladd Metals, Ltd. Landore.

A local mining authority has returned to the city after a very interesting trip into the Seven Devils mining regions of Idaho and has informed the "News" that there are three good properties being worked under leases which will be productive of considerable wealth during the present year. The ore being extracted will be treated at the smelter of the Ladd Metals company, which is located at Landore.

The smelting company is adding new equipment to its plant and is also installing a gas plant through which it is proposed to produce a wad gas which is to be used as fuel in the place of coal and coke. In the vicinity of the smelter are vast forests of timber, while it is necessary to ship in all other classes of fuel. Coke will be used only to the extent absolutely necessary. The smelter is under the supervision of W. H. Adams, a mining engineer and metallurgist of ability.

In the Landore section of the Seven Devils district copper is the prominent metal, while on the east side, gold takes first place. It is in this section that the Gold Coin mine is located, and which is under the management of E. D. Ford. The Gold Coin company has a new cyanide mill nearly completed which has capacity for the treatment of 150 tons of ore per day, replacing the one destroyed by fire earlier in the year.

CHARLES H. COOK DEAD.

Well Known Mining Man Passes Away After Brief Illness.

The grim reaper has taken away an old time land mark of the west. After an illness extending over a period of about six weeks, Charles H. Cook died last evening at his residence, 57 Second street, at the age of 67 years. The deceased was born in Pennsylvania, where his early life was spent, but came west during the mining excitement at Leadville in the spring of 1879. Seven years ago he came to Salt Lake City and gained a large acquaintance among the mining fraternity. He leaves a widow and four sons to survive him—Charles A., E. A. H., and Frank B. Cook, the latter being prominently identified with mining in this state. The funeral will occur tomorrow afternoon from the family residence.

TEA

We consume a great deal of tea, but do we enjoy it?

More coffee; but do we enjoy it?

"We for our knowledge, A. Schilling & Co., San Francisco.

UTAH COKE FOR IRON SMELTING.

Coal Deposits of Huntington Canyon Superior to the Connellsville Product.

REPORT OF E. P. JENNINGS.

Advantages Are Largely in Favor of The Home Product, says the Well Known Engineer.

A comparison of Utah coal and coke, produced from the mines of Huntington canyon, Emery county, with the best of Connellsville, Pennsylvania, is the basis for a report by Mining Engineer E. P. Jennings and submitted to the Board of Directors of the Huntington Coal & Coke Co. Mr. Jennings is the owner of extensive interests in the Huntington coal regions.

According to Mr. Jennings, P. L. Kimbrey and the late John T. Jones sent a car load of the Huntington coal to Pennsylvania about two years ago, and had it coked under the direction of A. C. McCraith, a recognized authority on coal and coke at Harrisburg. Later C. W. Saxman, president of the Saxman Coal & Coke company, of Latrobe, Pa., mined a small shipment from the 12-foot vein on the Robbins property and took it to Latrobe and coked it. Mr. Jennings is in possession of the Saxman analysis which is the basis for the comparison made with average Connellsville coal and coke.

Per cent.

Utah Coal—	
Vol. combustible matter.....	47.90
Fixed carbon.....	49.72
Ash.....	2.38
Sulphur.....	.60
Phosphorus.....	Trace
Moisture.....	3.12
Vol. combustible matter.....	30.58
Fixed carbon.....	30.58
Ash.....	.51
Sulphur.....	Trace
Phosphorus.....	Trace
Moisture.....	.76
Vol. combustible matter.....	29.56
Fixed carbon.....	63.73
Ash.....	5.95
Sulphur.....	.79
Phosphorus.....	.79
Moisture.....	Trace
Vol. combustible matter.....	1.41
Fixed carbon.....	58.44
Ash.....	1.22
Sulphur.....	1.07
Phosphorus.....	.058
Moisture.....	.058

Connellsville Coal—

Vol. combustible matter.....	47.90
Fixed carbon.....	49.72
Ash.....	2.38
Sulphur.....	.60
Phosphorus.....	Trace
Moisture.....	3.12
Vol. combustible matter.....	30.58
Fixed carbon.....	30.58
Ash.....	.51
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Moisture.....	.76
Vol. combustible matter.....	29.56
Fixed carbon.....	63.73
Ash.....	5.95
Sulphur.....	.79
Phosphorus.....	.79
Moisture.....	Trace
Vol. combustible matter.....	1.41
Fixed carbon.....	58.44
Ash.....	1.22
Sulphur.....	1.07
Phosphorus.....	.058
Moisture.....	.058

Connellsville Coke—

Vol. combustible matter.....	47.90
Fixed carbon.....	49.72
Ash.....	2.38
Sulphur.....	.60
Phosphorus.....	Trace
Moisture.....	3.12
Vol. combustible matter.....	30.58
Fixed carbon.....	30.58
Ash.....	.51
Sulphur.....	Trace
Phosphorus.....	Trace
Moisture.....	.76
Vol. combustible matter.....	29.56
Fixed carbon.....	63.73
Ash.....	5.95
Sulphur.....	.79
Phosphorus.....	.79
Moisture.....	Trace
Vol. combustible matter.....	1.41
Fixed carbon.....	58.44
Ash.....	1.22
Sulphur.....	1.07
Phosphorus.....	.058
Moisture.....	.058

The value of the coke depends, says Mr. Jennings in his report, first, on its chemical composition, and second, on its physical properties.

"If we compare the Utah coke with the Connellsville, we will see that the Utah product contains 4 per cent more fixed carbon, about half the ash, less than half the sulphur, and less than one-tenth as much phosphorus, which places the Utah coke in advance of the Connellsville for iron making. The advantages are less coke, less ash, less sulphur, less phosphorus, and less moisture. In other words, about 6 per cent less coke per ton of iron will be required, than if Connellsville coke be used."

"The value of coke for iron smelting purposes is largely dependent on its physical properties. First, it must be of sufficient strength to bear the burden of the ore and fluxes in the furnace, without crushing. Second, it must be hard and bright to withstand the oxidizing of the furnace gases, else it would be more or less consumed in the upper parts of the furnace, instead of in the hearth. Third, it must be porous enough to give a very rapid combustion before the buyers."

"An ideal coke is one with high fixed carbon, low ash, and freedom from sulphur and phosphorus, of great strength and hardness, but full of gas pores. It should be of silver grey color, free from black ends, and come from the ovens in large masses."

"From the Minner's tests of strength, etc., my recollection is that in strength it was equal of the ordinary 72 hour Connellsville coke, of good hardness, and porous. Capable of supporting the burden in a blast furnace. Mr. Saxman's experiments more than confirm these results, as he states that in the ten strength and density, it surpasses the Connellsville article."

Mr. Jennings concludes his statement with the assertion that as far as he knows, in gold and silver smelting, the Utah coke will make coke of any value in iron smelting are found in the vicinity of Huntington.

MAMMOTH SELLS ORE.

Two Lots Sold to the Bingham Con. Company During the Day.

The Mammoth Mining company is in the market today with two lots of ore. One of them, consisting of 34 tons, were settled for on controls showing 88 per cent in copper, 37 per cent in gold, and 8.6 ounces of silver. The other lot, 38 tons, sold on controls showing values of 2.07 ounces in gold and 41 ounces in silver. The ore was purchased by the Bingham Con. Co.

BIG IDAHO DEAL.

Coeur d'Alene Properties Consolidated And New Company Formed.

Wallace, Ida., Sept. 10.—One of the largest mining deals made in the Coeur d'Alene in recent years was consummated yesterday, when the final consolidation of the Franco-Bernier and Flynn groups was effected. The Franco-Bernier, which is one of the oldest producing properties in the district, has a total output of several millions of dollars. The other groups are not so well known. The new company will be capitalized for \$1,500,000. The Franco-Bernier is owned by New York capitalists, and the Bernier and Flynn properties by local mining men.

IN SOUTHERN UTAH.

General Conditions Good in Gold Mountain and Marysville.

The general condition of the camps of the Gold Mountain and Marysville mining districts is reported very quiet right now. This is not to be taken that the camps are dead, however. Besides the continuous operation of the Annie Laurie in sending out its regular shipments of bullion and the preparations at Silver in getting the mill in readiness to go into permanent business soon, a great deal of work goes on in developing a number of other promising properties. On the Gold Mountain side work

Today's Metal Quotations:

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

SILVER.....56 1/2%
COPPER.....11 1/2%
"ELECTRO.....12 1/2%
LEAD.....\$3.50 @ \$4.20

New York Quotations:

LEAD.....\$4.20 @ \$4.25
COPPER.....12 1/2 @ 12 3/4

Another Blue Bird Proposition.—Richfield Reap.

Hon. John Dougherty and J. R. Allen of Missouri, returned north yesterday after making an inspection of properties in the Marysville section, particularly the Aldebaran, in which the gentlemen are interested. They express themselves well pleased with the indications at their property. Mr. Dougherty is one of Missouri's leading delegation of congressmen, and stands very high in the estimation of his colleagues.—Richfield Reap.

BUSINESS NOTES.

Very few stocks recorded in the local list, were sold during the past week, the single exception having been the Utah Sugar common, of which something like 3,000 shares changed hands at \$3.20. Investors are doubtless acquiring this stock on account of the unusually favorable outlook in the beet sugar industry for the coming season.

Brokers say that most of the stocks in the list have reached such high figures that investors are wary, but they strongly recommend such stocks as Utah Sugar preferred, Amalgamated preferred, Fremont County Sugar company, Idaho Sugar, and Consolidated Wagon and Machine company preferred, all of which brokers think are much lower than they will be when money becomes as easy as it was a year ago.

Following are the latest quotations:

Deseret National Bank.....	\$75.00
U. S. C. M. Bank.....	145.00
Horn Silver.....	145.00
The Utah Sugar Co., preferred.....	3.50
The Utah Sugar Co., common.....	3.20
State Bank of Utah.....	142.00
Deseret Savings Bank.....	300.00
Union's Savings Bank & Tr. Co.....	143.00
Utah National Bank.....	145.00
Provo Con. & Savings Bank.....	133.00
Lehi Con. & Savings Bank.....	105.00
Thatcher Bros. Bkg. Co., Logan.....	113.00
First National Bank, Ogden.....	210.00
Rocky Mt. Bell Tel. Co.....	81.00
Ogden Co. bank, Farmington.....	110.00
Ogden Savings Bank.....	112.00
Utah Bank & Machine Co., pfd.....	31.25
"Common.....	63.00
Fremont County Sugar Co.....	9.50
Amalgamated Sugar Co., pfd.....	91.50
Amalgamated Sugar Co., com.....	102.00
Barnes Sugar Co.....	10.05
Barnes Banking Co.....	120.00
Commercial National Bank.....	100.00

UNITED STATES EARNINGS.

Big Company Made \$107,000, Net, During Month of August.

According to a statement emanating from the head offices of the United States Mining company, the net earnings of that corporation during the month of August was \$107,000, or \$1,000 more than during any previous month in the history of the company.

It will not be many weeks until the new lead furnaces of the company will be blown in. It was learned at the office of the company today that the finishing touches are being rapidly put on, but no definite date has been set for the starting.

It is the desire of T. R. Jones, at the head of the ore purchasing department, to get a larger accumulation of ore on hand. At least 25,000 tons will be in the bins before the fires are kindled.

LOCAL NEAR MOAPA.

John Foley Reports a Good Strike and Will Build a Mill.

Special Correspondence.

Caliente, Sept. 9.—A large ledge of chert has been struck three and a half miles north of Caliente.

John Foley, owner of the "U. S." group of free gold claims near the Virgin river, south of Moapa 23 miles, reports striking a ledge in his 200-foot tunnel, four feet wide with ore assaying \$500.00 per ton.

Gold in honeycombed white quartz in line and porphyry formation. He came through camp today with some magnificent samples, showing lots of free gold and says he will have a mill on his property before Jan. 1.

Mark Dawson came up from Las Vegas with a party of prospectors are pouring into the upper Colorado and Virgin river country, and a number of very rich free gold veins have been opened up and he predicts a second Tonopah, with lasting legends, many at grass roots in this part of Nevada.

Mining Deed Filed.

Special Correspondence.

Provo, Sept. 10.—A survey of Pleasant Grove has been filed by deed to Jacob Nelson of Pleasant Grove the Pride of Thelvet, and the Pride of the West, No. 2, mining claims in Silver Lake mining district. The consideration named in the deed is \$100.

New Company Formed.

Articles of incorporation of the White Mountain Mining company of this city were filed in the office of County Clerk James today. Its capital stock is \$150,000, divided into shares of the par value of \$1 each. E. W. Clark is president; Frank Pierce, vice president; J. J. Barrette, secretary and treasurer. The company owns a group of claims in Mono county, California.

CONCENTRATES.

A car of ore from the B. W. & H. mine is at the local samplers today.

Supt. F. G. Janney of the Utah Copper company is in from Bingham today.

Secy. Lambourne of the Daly-Judge Mining company is in Park City today.

Alexander Rowland visited the Guffey-Galey well at Farmington yesterday.

Manager George H. Dern of the Consolidated Mercantile departed for camp again this morning.

The Silver King dividend for September was passed out among shareholders during the day.

The directors of the Tetro Mining company held a meeting during the day and posted the usual dividend of \$2.00.

Supt. Robert Brown of the Tetro Mining company came in from Tintic this morning to confer with Manager James A. Pollock.

Manager Mulloy of the Bingham-New Haven Mining company is recovering from his late indisposition. He is now able to visit his office again.

An adverse suit was commenced in the Federal court yesterday by E. W. Dwight against Adam Stopler and W. S. McCormick. The suit is for the Olympea mines and Sunset and Smuggler holdings claims located near Ophir.

Mr. John J. Vendomeer, manager of the Denver office of the Engineering and Mining Journal of New York, arrived here last evening and expects to be in the city for several days. Mr. W. A. Scott, the traveling representative in this territory, is here, having returned yesterday from an extended trip in Idaho.

A very healthy condition exists now at the Mammoth. The tunnel on the Mascot has encountered good ledge matter, and some very rich stuff has been uncovered on the same ground northeast of the mouth of the tunnel. The strike is said to be sensational.

MAKING OPENED ACTIVE AND FIRM

Became Apparent that There Was Considerable Demand for Low Priced Stocks

U. S. STEEL RISES VIGOROUSLY

Colorado Fuel and Iron Gained Four And Other Gains Ran Between One and Two Points.

New York, Sept. 10.—The stock market today opened active and firm with considerable demand for low priced stocks. Rock Island, Southern Railway and United States Steel were taken in large blocks and there was conspicuous strength to the local stocks. Union Pacific was heavy and lost 1/4, but the western stocks otherwise were not materially changed.

Profit taking sales and new buying about balanced and kept the market from varying much from the opening level. Pressure, however, against Reading and Metropolitan Securities forced them 1/4