### MINING, BUSINESS AND STOCKS

### DOINGS OF THE STOCK BROKERS.

Volumn of Business Light This Forenoon But Stocks Showed Better Tone.

#### TETRO STIFFENS AGAIN.

Consolidated Mercur Remained Firm-Lower Mammoth Slightly Higher-Closing Quotations and Sales.

While the trading done on the floor of the Mining Exchange this forenoon was by no means heavy, a few stocks pulled through the call stronger.

Tetro went up to 31 cents. A shade higher than yesterday. Consolidated Mercur held its own without fluctuation during the regular call, but advanced a cent a share on the open board. Grand Central was also in better tone and one broker wanted it at 3.421/2. Martha Washington was in demand and inclined to advance. Lower Mammoth was also in better tone.
United States Mining was quoted higher, but no sales were recorded.
Yankee Consolidated was offered at 42 cents, with the highest bid recorded at The closing quotations and sales

TODAY'S QUOTATIONS.

Stocki.	Bid.	Asked
Alice	10	
Ajax	05	054
Bullion Beck		1 00
Carisa	101/6	113
Con. Mercur	63	631/
Creole		35
Daly	2 25	2 50
Daly-Judge	3 51	
Daly-West	34 30	34 60
Eagle & Blue Bell	35	55
Grand Central	3 40	3 50
Horn Silver	1 00	0 00
Ingot	02	0234
Little Bell	1 10	1 50
Lower Mammoth	3936	40
May Day	07	0734
Mammoth	1 10	1 25
Northern Light	0-	1 60
	4 50	5 25
Ontario	4 90	06
	2.15	50
Black Bess	20	22
Sacramento	63 50	67 50
Silver King		W . W .
Silver Shield	021/2	04 22
Star Con		
Utah	43	60
Uncle Sam Con		24
U. S. Mining Co	21 25	25 00
Butler-Liberal	10	10%
Rocco-Homestake	02	07
California	44	01
Century	85	874
Dalton	001/2	00%
Emerald	A REAL PROPERTY.	103
Joe Bowers	200	013
La Reine	021/2	02%
Little Chief	001/2	04
Manhattan		001/
Martha Washington	011/4	01%
New York	171/2	2214
Tetro	30%	31
Yankee	40	42

#### REGULAR CALL SALES.

Con. Mercur, 100 at 63. Lower Mammoth, 100 at 39%. Martha Washington, 2,000 at 1%; 800 Tetro, 700 at 31.

OPEN BOARD SALES. Con. Mercur, 100 at 63; 100 at 631/2; 500

Grand Central 100 at 3.42½. Lower Mammoth, 200 at 40, Manhattan 4,000 at 1-16. Tetro, 100 at 31. RECAPITULATION.

Regular Call.. .. .. .. 12,400 \$ 557.25 Open board.. . . . . . 5,300 902.50 Forenoon totals .. .. 17,700 \$1,459.75

IN FROM BALAKLALLA.

Grant Snyder in Conference With West-

ern Exportation Officials Today. Grant Snyder, assistant general manager of the Balaklalla mines of the Western Exploration companys string of bonanzas, came in from California yesterday and was in conference with local officials of the company today, Mr. Snyder expects to remain here for several days. Of the Balaklalla he stated that it is certainly a big proposition and that when the mine is equipped with and that when the mine is equipped with smelting facilities it will cur a figure in the world's production of copper. The Copper Mountain mine, within a few miles of the Balaklalla, is extracting about 800 tons of ore daily and turning out a nice quality of bullion.

There was about three inches of snow

There was about three inches of snow on the level when Mr. Snyder left the mines. The country has been visited by a heavy rainfall this winter.

#### THE NEVADA-ALPINE.

#### A Vein of High Grade Ore Encountered Showing Astonishing Values.

News of a most encouraging nature continues to come from the Nevada-Alpine mine, the young bonanza on Lone Mountain, near Tonopah, which paid its fortunate owners an initial div-idend of \$70,000 towards the close of last year. W. P. O'Meara received advices from

the west this morning that in a new drift run to the north in the property, drift run to the north in the property, some very high grade ore had been encountered, the rich streak being a foot in width and assayed 411 ounces silver and 57 per cent lead.

Everywhere in the mine where development work is progressing steady to proper the property of the property o

improvement is noticed.

#### THE TRAPPER'S PRIDE.

#### Supt. McLain Has Opened Up a 27-Foot Vein of Ore.

Supt. A. D. McLain of the Trapper's pride mine, near Marysvale, has sent Manager P. W. Madsen an encouraging budget of news concerning physical conditions at that property.

conditions at that property.

He states that the property looks better now than at any time he has had anything to do with it and that a few days he finished cross-cutting the Trapper's Pride vein, showing it to be of the midth of 27 feet helyean, walks.

width of 27 feet between walls.

The ore, said Manager Madsen today, runs from \$4 in gold up. An upraise is now being made on \$4 rock. Late developments indicate that the property will be ready for a mill soon and it is the intention to install one there easily in the specific property. there early in the spring. A combina-tion amaignmation and cyanide mill will be required to treat the ores suc-cessfully, the ores being only partly

### CYANIDE MILL BURNED.

Colorado Plant of U. S. Reduction & Refining Company.

Florence, Colo., Jan. 21.—The cyan-ide mill of the United States Reduction & Refining company, two miles north of this city, was destroyed by fire this morning, entailing a loss estimated at from \$75,000 to \$125,000. The mill had not been operated since the beginning of the strike of the company's employes nearly two years ago. It was the largest cyanide mill in the world but it was being dismantled by the com-pany, the machinery to be shipped to Utah, where a new mill is being built. Carelessness of some of the employes is believed to have caused the fire.

Some of the machinery of the above plant was being sent to Bingham for use in the big concentrating mill be-ing built there by the Utah Copper company, which is comprised of U. S. R. & R. company officials.

#### IN OTHER OIL FIELDS.

Guffey and Galey Have Leased 130,000 Acres on Osage Reservation.

Oklahoma an dthe Indian Territory Oklahoma an othe front as oil are rapidly coming to the front as oil producers, says an exchange. Within a radius of four miles of Bartlesville there are some 56 producing oil and gas wells.

The monthly production is something more than 40,000 barrels. Nearly all of this oil is produced within the Osage Reservation in Oklahoma.

Guffey & Galey, the largest oil drillers in the United States, several months ago leased about 130,000 acres of oil lands in the Osage Reservation. Soon after procuring this lease they shipped in five drilling rigs, which they have kept quite busy, and now have between 15 and 26 good oil wells. The oil in this neighborhood runs from 34 to 38

Baume gravity.

The Hartford-Osage Illuminating Oil
Co. has been operating a 6,000-acre
lease. Their first well produced both
oil and natural gas in large quantities.

#### Kearns-Keith Annual,

At the second annual meeting of the stockholders of the Kearns-Keith Min-ing company, held yesterday, a board of directors was chosen, which organ-ized as follows: Thomas Kearns, presized as follows: Thomas Kearns, president and general manager: David Keith, vice president, and Frank Westcott, secretary and treasurer. These officers, with John A. Creighton of Omaha and Joseph T. Richards, will be mines and serve as directors, while the mines and mill will be under the immediate su-pervision of M. J. Daily, who is serving the Silver King in similar capacity,

#### BRITISH COLUMBIA MINES. Output Last Year Showed an Increase o Nearly \$2,000,000.

A builetin issued by the bureau or provincial information for British Columbia, reviewing the industrial conditions of the past year, gives the output of the metalliferous mines of the province at 1,276,000 tons. The coal mined amounted to 188,0000 tons. The total value of the mining output was \$19,200,000, which was nearly \$2,000. increase over the previous year, not-withstanding the strikes which paralyzed the industry in the early part of the past year.

#### ALL OVER OIL LANDS. First Litigation in the Farmington Field

Started Yesterday. That the oil and gas fields north of

Sait Lake are considered to be of value was evidenced yesterday by the filing of a suit in the district court of Davis county against C. K. Rowland, Dr. P S. Keough, Robert E. C. Wilson and Schuyler V. Shelp, the owners of leases covering a vast area of lands in the vicinity of Farmington. The plaintiffs in the action are William Ochs and W. J. Nolan, who ask the court to determine the right to explore about

acres of the lands in which it is alleged there are some conflicting leases. In the complaint it is alleged that in 1902-3 the plaintiffs became lessees of the ground. That Rowland and Konagreed with the plaintiffs to begin boring for oil and gas on or before July 1, 1903, and that subsequently the time in which to inaugurate the work was ex-tended to Dec. 1 of the same year. It is alleged by the plainting that in October, 1903, the defendants secretly and in fraud of plaintiffs' rights employed Wilson to go to and negotiate with each of the leases for new leases in the nam-Wilson. Amants that had a lege the these new leases were secretly obtain-under a claim to the lessors that the Nolan and Ochs leases were invalid. The new leases, it is alleged, were then assigned to the defendant Shelp, as trustee for all the defendants, and are, it is further alleged, included in th-contract with Messrs. Guffey an Galey, under which the latter are about

Galey, under which the latter are about to begin boring for oil and gas. The plaintiffs claim that by reason of the contract obligations of the defendants a fiduciary relation existed. and that in equity and good conscience the new leases written by the defendant Wilson belong to and should be adtiffs, and to that extent judgment is

The contest will in no way effect the operations of the Guffey-Galey syndicate as the ground in dispute does not cover the territory upon which the der-rick is located.

#### CONCENTRATES.

A. A. Ball, treasurer of the Annie Laurie Mining company at Kimberly, has arrived from camp.

The Johnny mill at Stateline will go into commission in about a month. Manager Duncan McVichie of the Bingham Consolidated departed for the east today and was accompanied by Mrs. McVichie.

D. C. Jackling, general manager of the Utah Copper company, has re-turned to Colorado. H. Otto Hanke, a director of the Da-

ly-Judge Mining company, who came out from the east to attend the recent meeting, has returned home. The annual meeting of the stock-helders of the Washakie Mining com-pany is scheduled for February 1, at which time a new board of directors will be elected to serve during the en-

Alexander Rowland, a son of C. K. Rowland the oil promoter, arrived from Augusta, Ga., today.

Manager R. H. Channing of the Utah Consolidated, spent the day in Bing-

Four car loads of Horn Silver ores

At a meeting of the directors of the Black Bess Mining company, held yes-terday afternoon, it was decided to purchase five additional claims which are to be included in the company's Alta group. The company contemplates the driving of a 200-foot tunnel to tap its ore bodies at depth. An assessment of 2 cents a share was levied.

# PRECIOUS METAL.

Light Shed on How it is Obtained By A. Selwyn Brown, a Mining Engineer.

#### VALUE \$2,721,000 A POUND.

Even at This Exorbitant Price the Demand, It is Said, Exceeds the Supply.

In a recent contribution to the Mining and Scientific Press, A. Selwyn-Brown, M. E., tells how radium is obtained. Since this rare metal has been found to exist in this state it is not lacking in local interest. The writer

"Few chemical discoveries in recent years have been so valuable, or have created keener interest, than the brilliant investigations that led up to the separation of radium and the examination of many of its chemical, physical and physiological properties. Already the knowledge gained by investigating its action upon different substances has revolutionized our knowledge of the constitution of matter, and altered many important scientific theories; and in the near future more remarkable re-

sults are promised. "The present value of radium is \$2,-721,000 per pound, and it is by far the most expensive of all the metals. Even at this extraordinary price the demand far exceeds the supply, and there is consequently a fine incentive to search for radium ores. But such a search is difficult. All the ores of radium have not been determined, and most prospectors are unable to have their minerals tested for the metal. Very little has been published on the chemistry of the radium compounds, and a rapid and simple reaction to test the presence of radium in a mineral or ore is wanting. However, a knowledge of the present means of isolating the metal is of im-portance, and a little further experi-menting may lead to the discovery of short and suitable methods of analysis, and to the finding of radium in greater abundance than is at present thought of.

"Originally radium was obtained from uranium mineral pitchblende, and at the present time uranium miners furnish most of the metal. But the latest researches show that radium occurs in association with numerous other minerals, and dispersed in many localities throughout the world. The following minerals are distinctly radio-active, and, although radium has not been proven to be in all of them, their radioactive properties are most probably due to its presence: Uranium, pitchblende, cleveite, alunite, autunite, sipylite, compounds of Thorium, orangite, monazite, xenotime, æschynite, fergusonite, samarskite, niobite, tantalite, polycrase, euxenite, columbite, carnotite.

"It would also appear that radium is present in many bismuth, tellurium, zinc, barium, strontium, calcium and cadmium minerals.
"Prof. Currie obtains radium from

pitchblende by an involved and tedious process. The ore is crushed fine and roasted with the addition of carbonite of soda. The roasted ore is then washed and treated with dilute sulphuric acid. The sulphates thus obtained are converted into carbonates by boiling with carbonate of soda. The carbonates are again converted into sulphates. Radium sulphate is an exceedingly insoluble salt, and at this stage of the process it may easily be separated from the more readily soluble sulphates by filtration. The residue, containing radium, barium and several other sulphates, is then treated with dilute hy-drochloric acid, which extracts polonium, actinium and a couple of other chlorides, and leaves radium and barium sulphates. These are converted in-to carbonates by treatment with a strong boiling solution of sodium carbonate. The carbonates are then dis-solved in hydrochloric acid, and precipitated again as sulphates by means of sulphuric acid. The sulphates are purified to a further extent by a repetition of the above treatments with hy-drechloric and sulphuric acids, and ulimately the radium chloride is separat-ed from the bartum chloride by the slow process of fractional crystallization. ton of pitchblende by this means usu-aly yileds about fifteen pounds of the combined chlorides of barium and radi-

F. Giesel, a German chemist and experimenter, prepares radium by treating barium, strontium and calcium with bromic acid, after the ores have been purified as described in the Currie pro-cess. The mixed bromides are then sub-jected to fractional crystalization. The first crystallization, when carefully carried out, is generally sufficient to remove the strontium and calcium. After about eight or nine more crystalliza-tions of the barium and radium bromide mixture from distilled water, the separation of the more readily soluble radium bromide is easily obtained. During these operations the flame col-oration of a Bunsen burner may be conveniently utilized to indicate the progress of the purification; or fractional precipitation by ammonium carbonate may be employed. The radium carbonate is precipitated last. Pure anhydrous radium bromide produced in this manner exhibits a bluish phosphorescence when freshly prepared, but in the course of a couple of days the salt discolors and all signs of phosphor-

scence disappear.
"It has been found that radio-active substances can be obtained from bis-muth and analogous minerals by electrolytic means. It is thus possible to obtain thin films of radium from minute quantities of radium in any ore. The metals are first dissolved from the eres by any suitable means, and then submitted to electrolysis at ordinary temperatures. The cathode requires to be made of pure bismuth, and carbon or any other suitable anode may be employed. The requisite current strength has to be found by experi-ment: but it is usually fairly low. This rocess is comparatively simple and more rapid than the purely chemical processes, and is lkely to be shortly improved so that it may easily be employed in every assay office.'

#### INFORMATION WANTED.

The whereabouts of John Jenkins, son of Evan Jenkins, who left Wales 30 or 40 years ago, is desired by his cousin Evan Jenkin Thomas of Albuquerque, N. M., who is a son of his Aunt Char-lotte of Morriston, near Swansea,

#### \*\*\*\*\*\*\*\* Today's Metal Quotations. \$

Local settling prices as re-ported by the American Smelt-ing and Refining company:

SILVER. - -COPPER, casting - 12 electro. 12 5-16 LEAD, \$3.50

New York Quotations:

LEAD. - \$4.50 COPPER, 12 3/4 (2) 13 \*\*\*\*\*\*\*\*\*

#### LOCAL MARKETS.

In the local retail markets there has been a rise again in eggs, and butter is becoming firmer. Lemons are weaker, being off 50 cents per box. Rhubarb is a little cheaper, and fresh eastern mackerel is out of the market. Veal has a tendency to rise. The following prices are obtaining today:

#### FARM PRODUCTS.

Alfalfa, per cwt. baled...... .... .65 Wheat, per bushel...... Corn, per 100 pounds.... Flour, straight grade, 100 pounds. 2.20 Flour, high patent, per 100 pounds. 2.40 Bran and shorts. 1.10 Straight shorts ...... 1.20

#### MEATS AND POULTRY.

Dressed beef, per pound ....12½ to 20c Dressed pork, per pound .....15 to 17½c Dressed veal, per pound ....12½ to 17½c Dressed mutton, per pound ....17½ to 20c Dressed lamb, per pound ....17½ to 20c Land 

#### DAIRY PRODUCTS.

8		
	Butter, per pound 25@	
١	Cheese, per pound	.2
	Figgs, per case \$9.50 and \$11.	.(
ı	Eggs, per dozen	4
ı	Fancy cheese, per pound 25 to	t
ì	Geese, per pound	20

Oranges ver dozen ...... 25 to 50 Lemons, per box ..... \$4.00

FRUIT AND VEGETABLES.

New Early Rose potatoes, per

Figs washed, per pkg......30c Cranberries, two quarts.......25 Utah apples, per bushel ......\$1.75 Permain apples, per bus. ....... 1.85 California tomatoes, per basket.... Mixed nuts, two pounds ..... Cabbage, per pound ......

Red Cabbage, per pound ..... Rhubarb, two pounds.... Arbuckles coffee, 2 pkgs.... ..... FISH.

Western pompano	ö
Steel head salmon, per pound 17	ı
Frozen salmon	
Halibut, per pound	i
Striped bass per pound	ij
Sea bass	
Shad, per pound	ä
Soles, two for	ı
Flounders, per pound15, two for	ä
California smelts, per pound	l
Sturgeon	d
Fresh cod	

Sea bass . . . . . . . . . . . . 2 pounds, .25 
 Barracuda
 15

 Mackinaw trout
 20

 White fish
 20
 

#### Mrs. Bowers found Guilty.

San Francisco, Jan. 21.—The jury in the case of Martha N. Bowers on trial on the charge of murdering her husband. Martin Bowers, brought in a verdict tonight of murder in the first degree, and fixed the penalty at imprisonment for life.

AD STOCKS

#### Seized by Tramps.

New York, Jan. 21.—The secretary of the French legation, M. Falancier, has been seized by tramps while in the sub-urbs and bound to a tree, cables the Herald's Lima, Peru, correspondent. He remained there several hours, and was fi-nally liberated by a passing Indian. The French minister has presented a claim for damages. claim for damages.

#### Only the Bible Was Saved.

Chicago, Jan. 21.—Of all the articles for use in the religious services of Central church taken to the Iroquois theater the day before the fire, only the Bible escaped destruction. Its covers were burned off, and its edges charred, but every word of the text remains. Besides the Bible there were taken to the theater two pulpits, a communion service ad some linen.

The property was stored on one side of the stage, in an alcove. The Central church had taken a lease on the Iroquois theater for the Sunday service hours, and te first service was to have been held on the Sunday following the fire Chicago, Jan. 21.-Of all the articles for

#### Simon S. Goldman Dead.

New York, Jan. 21.-Simon S. Goldman said to have been the inventor of the Tucker needle threader in general use on sewing machines, is dead of heart dis-ease, at his home here.

#### ANOTHER HOME INDUSTRY.

#### One That Reflects Credit on the Promoters.

Under the management of Joseph V. Smith, the Western Knitting Co., whose president is Wm. H. Smart, and whose secretary and treasurer is J. H. Garrett, have installed a knitting plant which for capacity and superiority of work is

said to be unsurpassed anywhere west of the Missouri river. Fifty different stitches, representing about 250 designs in sweaters, union sults, golf jackets. Cardigan jackets, etc., are made there, and from the raw material to the finished garment, every piece is made entire in their factory.

The old Descret Hospital building on the corner of Second West and First North has been remodeled by them and serves as a factory, while their samples are displayed in room F of the Wilson hotel,

Their purpose is to sell to retailers Their purpose is to sell to retailers generally and their present field em-braces Utah, Idaho, Montana, Wash-ington, California, Nevada, New Mex-ico, Colerado, Arizona and Wyoming. Their display is meritorious and should be seen by every one interested in this line of merchandise.

## BROAD AND ACTIVE.

Standard Railroad Stocks Were Heavily Bought, Lifting Others.

#### SPECULATION'S TONE STRONG.

Demand for First Rankers Drove in a Number of Obstinate

New York, Jan. 21.-There was special

strength in a number of usually inconspicuous stocks today and the market showed decided breadth and activity. Heavy buying of the standard railroad stocks lifted a number of the trunk lines, grangers and Pacifics a large fraction and St. Paul 1% Southern Pacific was held back by diligent realizing as was United States Steel preferred and checked the ad-

back by diligent realizing as was United States Steel preferred and checked the advance, but it was resumed before noon. There were 1 to 1½ points gains in Amalgamated Copper, Manhattan, Brooklyn Transit, Union Pacific, Canadian Pacific, Norfolk & Western, Northwestern, Chicago & Alton preferred, Southern Railway preferred, Smeiting preferred and a few others. Reality preferred rose 3% and reacted 1%, Republic Steel preferred gained 3% and Snuff 2½.

Bonds were firm at noon.

The demand for stocks of the first rank drove in some obstinate shorts and speculation took on a strong tone. Louisville & Nashville, Pennsylvania, Southern Railway, the southwesterns, Tennessee Coal, United States Steel preferred and a number of less well known stocks were conspicuous in the midday rise, which ran between 1 and 2 points, Southern Railway preferred rose ½ and New York, Chicago & St. Louis second preferred 3. Des Moines & Fort Dodge preferred sold at 116, compared with 100, the previous sale on Oct. 7 last. Omaha dropped 3.

Higher prices attended the furious buying movement, which continued until nearly 2 o'clock and the majority or important stocks quiside the Rock Island, Southern Pacific, Erie and Reading showed gains at one time of a point or more, The Pennsylvania group and the grangers made a better showing than the average, Pennsylvania rose 2 points and St. Paul touched 145%. Canadian Pacific also moved up 2, Sugar 2½ and Rock Island preferred 4. The entire market fell off later ad dealings became quiet.

#### LIVE STOCK.

CHICAGO.

CHICAGO.

Chicago, Jan. 21.—Cattle—Receipts, 10,600: market slow. Good to prime steers,
5.0066.75; poor to medium, 3.5074.50; stockers and feeders, 2.2574.60; cows, 1.5074.00;
helfers, 2.0094.50; canners, 1.5072.40; bulls,
2.0074.10; calves, 3.5074.50.
Hogs—Receipts today, 39,000; tomorrow,
25,000; market loc. higher. Mixed and
butchers, 4.8575.00; good to choice heavy,
4.9575.10; rough heavy, 4.8074.95; light,
4.5074.90; bulk of sales, 4.8074.95; light,
4.5074.90; bulk of sales, 4.8074.95.
Sheep—Receipts, 14,000; market steady;
lambs, steady. Good to choice wethers,
4.0074.25; fair to choice mixed, 3.0074.00;
western sheep, 3.5074.25; native lambs, 4.50
675.85; western lambs, 4.2575.85.

OMAHA. South Omaha, Jan. 21.—Cattle—Receipts, 2,500; market steady. Native steers, 3.40@ 5.10; cows and helfers, 2.80@3.80; canners, 1.30@2.50; stockers and feeders, 2.75@4.00; calves, 3.00@5.25; bulls, stags, etc., 2.40@4.00.

Hogs—Receipts, 6,500; market 5410c, higher. Heavy, 4,8044.%; mixed, 4,7544.80; light, 4,6044.80; pigs, 3,5044.40; bulk of sales, 4,7544.80. Sates, 4.70(3-180).
Sheep — Receipts, 2.700; market shade lower. Westerns, 4.00(4.50); wethers, 3.15(4.40); ewes, 2.00(4.00); common and stockers, 2.50(3.70); lambs, 4.75(5.75).

KANSAS CITY.

Kansas City, Mo., Jan. 21.—Cattle—Receipts, 5,000; market steady to strong. Native steers, 3,6004.65; native cows and heifers, 2,1503.50; stockers and feeders, 3,0003.76; buils, 2,2503.25; calves, 2,7506.00;

# western steers, 3.2064.29; western cows, 1,5063.30. Hogs-Receipts, 8.000; market higher, sales, 4.5064.59; heavy, 4.5064.55; packers, 4.0064.50; pigs and ligner, 1.2024.50; Bheep-Receipts, 2.000; market steady to strong, Muttons, 3.5064.40; lambs, 4.6525.75; range wethers, 3.2564.30; ewes, 2.506

#### PRODUCE. CHICAGO.

CHICAGO.

Chicago, Jan. 21.—A raid was made on the wheat pit today by local traders and in consequence a sharp break in pricess occurred. Everybody seemed to have wheat forrsale, and the only buying evidenced was from the big bull interest which sought openly in an effort to check the onslaught. The demand from that source had little effect until May had declined 1½c. from the high point. May opened unchanged to ½c. lower at 9½ to 92%, the latter figure being a share in advance of yesterday's high figure. The decline reached 90% before it was stopped and May then railled to 91%.

Cash: hweat—No. 2, red, 92%; No. 3, red, 85%97; No. 2, cash, 89%84½; No. 3, red, 85%97; No. 1 northern spring, 85%90; No. 2, northern, 85%98; No. 3 spring, 89%86.

Corn—No. 2, 47½48; No. 3, 47%47½.

Oats—No. 2, 39½; No. 3, 39.

Cose: Wheat—May, 91%492; July, 83½; Sept., 72.

Corn—Jan., 46% May, 49%450; July, 48½; Sept., 47%.

Oats—Jan. 39; May, 41%; July, 37%; Sept., 47%.

Sept. 47%. Oats-Jan, 39; May, 41%; July, 37%; Sept.

Pork—Jan., 13.00; May, 13.27\\(\frac{1}{2}\). Lard—Jan., 7.62\(\frac{1}{2}\); May, 7.25; July, 7.27\(\frac{1}{2}\). Ribe—Jan., 6.37\(\frac{1}{2}\); May, 6.70\(\frac{1}{2}\)6.70\(\frac{1}{2}\)6.70\(\frac{1}{2}\)6.70\(\frac{1}{2}\)6.70\(\frac{1}{2}\)6.70\(\frac{1}{2}\)6.70\(\frac{1}{2}\)6.70\(\frac{1}{2}\)6.70\(\frac{1}{2}\)6.70\(\frac{1}{2}\)7.27\(\frac{1}{2}\)9.70\(\frac{ .50, Flax—Cash, northwest, 1.13. Timothy—Jan., 3.07½. Barley—Cash, 409161. Clover—Jan., 11.25.

NEW YORK PRODUCE. New York, Jan. 21.—Butter, irregular. Creamery, 15@22; state dairy, 14@19.
Egga-Firm. Western, 23@31.
Sugar—Baw, nominal. Fair refining, 27-32; centrifugal, 96 test, 3 11-22; molasses sugar, 249-32. Refined is dull; crushed, 5.05; powdered, 4.55; granulated, 4.45.
Coffee—Firm. No. 7 Rio, 8 cents.

#### WOOL.

ST. LOUIS.

St Louis, Jan. 21.—Wool, nominal. Territory and western mediums, 18@19; fine medium, 16@17; fine, 15@16.

#### Russians Will Fight Russia.

Columbus, O., Jan. 21 .- Albert Baker, young flour and feed dealer, declares that in the event of war between Russia and Japan, he and twenty of his countrymen now here will sail for Japan and tender their services against "We are Russians," said he, "but we

have no faith in the assurance of the ezar that our people will be protected in Russia.

Nothing so delicious as the Newhall Oranges. Ask your grocer for them.



### Atchison, Topeka & Santa Fe.

'Santa Fe Route."

Direct Line from Utah to Kansas City, St. Joseph, Chicago, Gelveston, El Paso, and the Mining Camps of New Mexico and Arizona. 3 Trains Daily 3.

RATES EAST this summer, apply to C. F. WARREN, Gen'l Agent, 411 Dooly Block.

For particulars about REDUCED

## Salt Lake City, Utah. **ALLOW ME**

the Burlington's Chicago Special—"the smoothest train in the United States."

TO PRESENT

Of course you know about its magnificent equipment and its fast time over the shortest line between Denver and Chicago.

Leaves Denver 4:15 p. m. daily; arrives Omaha next morning, Chicago next even-ing.



R. F. NESLEN, General Agent. 79 West Second South Street.

Salt Lake City. P. S.-Thro' sleeper for Chicago leaves Salt Lake City 3:15 p. m. daily.



## SHORT LINE

### Time Table In Effect Nov. 22

1903.

ARRIVE. From Ogden, Portland, Butte, San Francisco, Chicago, St. Louis, Omaha and Penver..... 8:20 a.m. From Ogden and intermediate points 9:10 a.m.

9:10 a.m. From Ogden, Cache Valley, and intermediate points ...........11:55 a.m. From Ogden, Chicago, St. Louis, Kansas City, Omaha, Denver and San Francisco From Ogden, Cache Valley, St. Anthony, Portland and San Francisco ...... 4:05 p.m. ..... 6:55 p.m.

DEPART. For Ogden, Omaha, Chicago, Denver, Kansas City and St. Louis 6:00 a.m. For Ogden, Portland, St. An-thony, San Francisco and inter-mediate points 10:20 a.m.

For Ogden, Omaha, Chicago,
Denver, Kansas City, St. Louis
and San Francisco 114 pm.
For Ogden, Cache Valley, Denver, Kansas City, Omaha, St.
Louis and Chicago 545 p.m. For Ogden, Cache Valley, Butte, Helena, Portland, San Francis-co and intermediate points ....11:45 p.m., T. M. SCHUMACHER, Traf. Mgr. D. E. BURLEY, G. P. & T. A. D. S. SPENCER. A. G. P. & T. A.

# DENVER PRID GRANDS

City Ticket Office, 201 Main Street Telephone 250.

Current Time Table. In effect Nov. 22nd. 1903.

LEAVE SALT LAKE CITY. 

Points ..... 6:05 p.m. No. 4—For Denver and East .... 8:05 p.m. No. 3—For Ogden and West ..... 12:10 a.m.

ARRIVE SALT LAKE CITY: No. 6-From Ogden and the West 8:10 a.m. No. 12-From Ogden and Local No. 12—From Ogden and Local
Points

No. 7—From Eureka and Provo. 10:00 a.m.,
No. 5—From Denver and East. 10:40 a.m.,
No. 1—From Denver and East. 1:35 p.m.,
No. 2—From Ogden and the

Points 9:05 a.m.
No. 7—From Eureka and Provo. 10:00 a.m.
No. 5—From Denver and East. 10:40 a.m.
No. 1—From Denver and East. 1:43 p.m.
No. 2—From Ogden and the
West
No. 101—From Park City 5:15 p.m.
No. 9—From Bingham, Heber,
Provo and Marysvals 6:00 p.m.
No. 4—From Ogden and the
West
No. 3—From Denver and East. 11:59 p.m.
No. 3—From Denver and East. 11:59 p.m.
All trains except Nos. 1 and 6 stop at intermediate points.
Ticket Office, Dooly Block. 'Phone 206
I. A. BENTON
Gen. Agt. Pass. Dept.



From Oregon Short Line Depot, Sale Lake City.

Lake City.

For Provo, Lehi, Fairfield and
Mercur, connecting at Nephi for
Manti and intermediate points on
Sanpete Valley Rallway ... \*7:30 a.m.

For Garfield Beach, Tooele.

Stockton, Mammoth, Eurek
and Silver City (via Leamington cut-off) ... 8:00 a.m.

For Provo, American Fork, Lehi,
Juab, Milford, Frisco, Calientes and intermediate points ... \*6:05 p.m.

ARRIVE.

From Provo, American Fork
Lehl, Juab, Milford, Frisco,
Calientes and intermediate
points ... \*9:35 a.m.

From Provo, Lehi, Fairfield. 

Daily Pullman Buffet Sleeping Car Service between Salt Lake City and Milford, Modena and Callentes.
Direct stage connections for all mining districts in southern Utah and Nevada.
City Ticket Office, 201 Main St.
Telephone 259.
J. L. MOORE,
Commercial Agent.

For particulars call on or address agents, Salt Lake Route, or E. W Gillett, Jeneral Passenger Agent.



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