MINING, BUSINESS AND STOCKS

COL. GUFFEY TALKS TO MR. ROWLAND

Pennsylvanian Expressed Himself As Having Confidence in Local Oil Field.

GOING TO SPEND MONEY HERE.

The Operations at Farmington Have Already Cost $15,000—Well Down Fifteen Hundred Feet.

Charles K. Rowland, the well known oil well promoter, has returned from a trip east, where he has been working in the interest of development of local fields. He was absent several weeks and took occasion to visit the St. Louis fair and incidentally, the Democratic national convention, being present at the time when the famous tiegram of the nominee, Alton B. Parker, was received.

While in St. Louis, Mr. Rowland had several talks with Col. James Guffey, who was at the head of the Pennsylvania delegation and who is interested in the oil well being sunk near Farmington. The Pennsylvanian assured Mr. Rowland that himself and associate, Mr. Galey, are very confident of success. "Since we began operations in your state," said the colonel to Mr. Rowland, "we have expended more than $15,000, and we intend to spend more money out there. I do not know how I can express my confidence in your country in a better way."

Mr. Rowland ascertained from the oil magnate that the Farmington well had reached the depth of about 1,500 feet—according to the last report received from Superintendent Rumbaugh, that he had encountered an interesting formation and that he had sent in for a stop cock attachment which would indicate that the superintendent anticipates some important developments almost any hour. The six-inch pipe is being put down.

Mr. Rowland learned from Col. Guffey that since he began his oil operations he has been instrumental in opening up 22 different fields and declared he could not recall where a single failure had been encountered.

Mr. Galey is expected to arrive in Utah during the fall to look over local interests. Col. Guffey expressed himself as having the greatest confidence in Superintendent Rumbaugh, who, he said, has had a great many years' experience in other fields and bears the reputation of being a careful and conservative driller.

Mr. Rowland was careful to note the work of Col. Guffey at the late Democratic convention and declares he is one of the strongest men in his party and was recognized by everyone who attended the convention as being a leader of great force and ability. Mr. Rowland characterized the Pennsylvanian as being "the Mark Hanna of the Democratic party."

FORENOON ON 'CHANGE.

Daly-West and Con. Mercur Stronger Than Yesterday.

There wer no great changes recorded in the local mining stock market today. A few of the traders, however, were in better tone, among them being Daly-West and Consolidated Mercur. The former registered a sale on the open board at $16.90, while a 300-share lot of the latter went on the regular call at 20½ cents. Grand Central participated for the first time in several days and was bought at $4.10. Star Consolidated moved up a few points, while Butler-Liberal was inclined to lose ground. Tetro passed the calls unchanged and May Day displayed activity at 1⅝ and 1½ cents. The quotations on the Tonopah stocks remained firm, but no stock was sold during the forenoon. The quotations and sales were as follows:

TODAY'S QUOTATIONS.

	Bid.	Asked.
Alice	15	
Ajax		10
Bullion Beck		1 50
Carisa	5	6⅛
Con. Mercur	19½	22½
Creole		50
Daly	2 30	2 47½
Daly-Judge	4 05	4 20
Daly-West	16 25	17 00
Eagle & Blue Bell	50	1 00
Grand Central	4 05	4 10
Horn Silver	1 00	1 50
Lower Mammoth	14	20
May Day	1½	1⅝
Mammoth	1 15	1 20
Ontario	3 50	
Petro	5½	10
Rocco-Homestake		40
Sacramento	10⅞	11¼
Silver King	85 50	51 00
Silver Shield	2½	4
South Swansea	5½	
South Swansea	3½	
tSar Con.	11⅞	12
Swansea	40	45
Utah		55
Uncle Sam Con.		16½
United States	23 00	24 12½
Victoria	95	1 10
Boston Con.	5 40	
Butler-Liberal		10
Century	50	51½
Joe Bowers	⅛	½
La Reine		6½
Little Chief		6½
Martha Washington	1	1¼
New York	9-16	¾
Tetro	30	31
Victor Con.	1	1¾
Wabash		2½
Yankee	32	33⅛
Tonopah Stocks—		
Tonopah	7 90	8 50
Tonopah Belmont	72	80
Tonopah Midway	59	59½
Tonopah Extension	75	1 10
Montana Tonopah	2 32½	2 50

REGULAR CALL SALES.

Con. Mercur, 300 at 20½.
Grand Central, 200 at 4.10.
May Day, 5,000 at 1⅝; 100 at 1½; 5,000 at 1⅝, buyer 30; 1,000 at 1½, seller 30.
Star Con., 500 at 11¾; 3,000 at 11⅞.
Butler-Liberal, 1,000 at 9¾.
Tetro, 100 at 30.
Wabash, 1,000 at 2.

OPEN BOARD SALES.

Daly-West, 10 at 16.90.
Tonopah-Alpine, 1,000 at 2.

RECAPITULATION.

	Shares.	Value.
Regular call	16,100	$1,525.50
Open board	1,010	189.00
Forenoon totals	17,110	$1,714.50

RAILROAD TO GOLDFIELD.

Official Announcement That Line Will Be Built Soon.

C. H. Elliott, a Tonopah mining man, claims to have received a letter from John Brock, president of the Tonopah Mining and Tonopah Railroad companies, announcing that it had been decided definitely to build a branch line of the railroad to Goldfield. Work is to commence soon after the completion of the main line to Tonopah. Goldfield is less than a year old.

NEVADA COAL DEAL.

Engines of Tonopah Will Burn Product of Groezenger Mine.

The sensational event of the week is that, in the face of unusual competition, practically the entire coal district of Nevada has been bonded or purchased by California, Boston and New York capitalists, acting through Dr. Frances E. Williams, says the Goldfield News.

It is claimed that the Groezenger mine is proven to be the most valuable, and furnishes the key to further development. Fifteen capitalists have been on the spot at Coaldale within the past few eweks, but "Uncle Billy" Groezenger refused to deal with any one, saying that he wanted to deal with his friend, the "doctor," whom he designated as the steam engine. The doctor arrived at 5 a. m., after an all night ride, for the third time, and in one hour the Groezenger bond was signed. On the following day Judge Peters signed on like terms, and then Sheriff Ingalls. In 24 hours Dr. Williams had secured over 1,200 acres, comprising the cream of the coal district of Nevada.

On the following day a corporation was formed, capitalized at five million dollars, and pursuant to the act of Congress of 1902, and entitled "The Coaldale Coal Mining Co."

Arrangements were at once effected to have the first engine that will soon enter Tonopah burn the Nevada coal, taken from one of these mines, the Groezenger, and a force of men were immediately put to work taking out the coal for this purpose.

Active development on several of their other coal mines will be started within a month.

CONCENTRATES.

President Knox of the Montana-Tonopah is reported in Tonopah.

Joseph Dederich is not expected home from Newhouse until next Saturday.

A car of ore from the E. & F. mine at Pioche, Nevada, arrived at the sampler this morning.

Broker E. G. Woolley, Jr., expects to go on a business trip to southern Nevada in the near future.

Frank Hall has returned from a trip to the Kansas oil fields with which he became favorably impressed.

The equipment ordered for the Utah Copper company's concentrator at Bingham is now in transit from the east.

T. C. Davidson, a prominent mining man of Anaconda, Montana, and wife, are in the city today enroute home from the St. Louis fair.

William B. Jeffs, a director in the Columbus Consolidated Mining company, is expected to arrive in the city tomorrow from Michigan.

H. W. Sherman, of the firm of J. H. Bigger & Company, is confined at St. Mark's hospital with what appears to be an attack of typhoid fever.

The name of Col. E. A. Wall now has a place on the roster of officials emblazoned on the office door of the Utah Copper company in the McCornick building.

Broker J. M. Reynolds departed for the east yesterday afternoon for the purpose of placing the merits of the Wasatch mine in Beaver county before the investor.

E. W. Griffith has returned from a trip of inspection to the California mine at Park City. He says at least two ore bodies have been exposed during the past two weeks and that physical conditions are on the improve.

It is stated eastern parties have been looking into the merits of a region near Payette, Ida., for oil and natural gas. A number of farms have been leased, but as yet no rigs have been set up.

Jim Butler, the discoverer of Tonopah has made another display of his big heartedness by contributing $1,000 to the fund being subscribed to by citizens of Tonopah to celebrate the completion of the Tonopah railroad next week.

Jas. M. Meighan and Joe Josephs have this week purchased from Jack Hennessy and J. Campbell the group of six claims at Gold Reef which they have been developing under lease and bond for the past two months.—Tonopah Bonanza.

E. P. Jennings, the superintendent of the Quincy group at Crow springs, was in town this week engaging miners. A turquoise expert from Chicago recently visited the claims with a view of purchasing the turquoise bed.—Tonopah Bonanza.

James Ivers and other members of the Salt Lake party which left a week or so ago to inspect the Lost Packer mine in the Loon Creek, Ida., district, returned from the north this morning. They reported having found conditions very satisfactory and were very well satisfied with their trip.

A meeting of the mine owners of the Lone Mountain district, Nev., has been called to take place in Miners' Union hall, Tonopah, a week from tomorrow for the purpose of organizing the Lone Mountain mining district. The O'Meara & Lynch company is operating the Nevada-Alpine property in this district.

A letter written by A. B. Lewis to his father, and which was received this morning, conveyed the information that the long pending Monarch deal had been closed, and that he would be home in a few days to rest up. The organization, it is believed, will not be carried out on such an extensive scale as was first intended.

President Seymour W. Tulloch and Manager Henry C. Lawrence have returned from an inspection trip to the properties of the Sevier Consolidated, near Kimberly. The contract for the third tunnel, which is intended to cut the middle vein 600 feet below the surface will be let within a few days. Work is progressing in the upraise being made between tunnels Nos. 1 and 2. The balance of the mill contracts will be let within a few days. It has been decided to install the Godbe slimes process.

Today's Metal Quotations.

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

SILVER, - - 58 ¾
COPPER, casting - 11 7/8
" electro. 12 3-16
LEAD, - $3.50@$4.20

MARVEL OF THE MINING WORLD.

The Jumbo Mine at Goldfield, Nevada, Continues to Yield Its Fabulously Rich Ore.

ROY RIDGE IS IN THE SWIM, TOO

Salt Lake Man and His Partner Have Taken Out More Than $100,000 Within Thirty Days.

The showing under development, stamps the Jumbo mine as the marvel of the mining world, says the Goldfield News. Were it not daily visited by prominent mining men from every section who see for themselves the size and extent of its fabulously rich ore, one would hesitate to tell anywhere near the full truth. And there are a number of other properties in the Goldfield district which are but little less wonderful than the Jumbo in their showing.

In the Vermilyea & Bartlett lease on the Jumbo the extra rich strike has widened out to 6 inches and the values are increasing as depth is gained. Such a statement sounds preposterous, but it is nevertheless a fact. The writer saw a piece of rock panned Monday and three-quarters of it was gold. Mr. Vermilyea has installed a small mill consisting of a mortar and a large pestle suspended from a spring board, and with this crude appliance turns out 25 pounds of amalgam a day, worth not less than $5,000. The hard rock, one foot in width, along the rich streak, goes from $400 to $500 per ton. The drift from the 50 foot level should get under the rich shoot with another 15 feet of work and if the values hold to even that depth, there is a mint in this lease alone. Mr. Vermilyea, like others who are getting big values, has his tent on the ground and stays with his bonanza night and day.

The Curtis and Ridge lease, while not having such sensational values, is still a wonderful money maker. It is not yet 30 days since they started and besides erecting a hoist and doing lots of dead work, they have taken out $100,000 worth of shipping ore in that time. The daily production now is about 12 tons of ore going about $1,000 per ton, and the same amount of $50 to $100 ore which is put on the mill dump. At least three shipments of the rich stuff will go out from this lease this week.

And the smelter returns will tell the tale.

The Kernick and Bowes lease has not extra rich ore in the drifts at present, but from the old shaft 17 sacks of ore were taken Monday night, which are worth $1,000 a sack. A carload was shipped Tuesday.

The Richard and Cowing lease has opened up a new shoot close to the surface and an average assay across one and a half feet gives values of over $600 per ton. They are still sinking on the main shaft.

On the Zinn lease two men are taking out $400 to $500 ore from a drift at the 50-foot level, which is a good increase in the shipping values first found. Twenty feet from Zinn's shaft a streak of ore was found close to the surface on the same lease and it is stated, but not verified, that the values are as good as anywhere on the Jumbo.

Joe Wilson, of the Joshua Club lease, on Sunday opened up the ledge in a new place. The ledge has been stripped for 10 feet in length and an average assay across 1½ feet gave returns of $6,221 to the ton in gold. They are now sacking the ore and will soon have a shipment.

Geo. McClellan also made two good strikes this week on his St. Ives lease. At the 50-foot level he had a streak one foot wide, which he thought was mill dirt, but an assay clear across showed that it was worth $336 per ton on the average. On the same ledge he has opened it up in another place and an average assay across four feet returned values of $318 per ton. Mr. McClelland is sacking ore for shipment.

RETURNED FROM ALTA.

Officials of Columbus Consolidated Inspected Company's Property.

Manager Tony Jacobson and Director B. F. Chynoweth of the Columbus Consolidated Mining company returned last evening from Alta, where they spent a couple of days looking over the property of that company. Mr. Chynoweth, who makes his home in Michigan, had not seen the mine for several months, and he expressed himself today as being greatly pleased with conditions.

The construction of the new mill is progressing very favorably. Contractor Shea has the frame work almost entirely in place and is shoving the work for all he is worth.

The power plant is running steadily and since the South Columbus and Alta-Quincy began taking air the machine drills are making great headway with the tunnels being driven on the respective properties.

ONLY A FOOL.

The Home Market club has given much attention to trade relations with Canada, being a strong "stand-patter" on the problem, and Col. Albert Clarke illustrates the sentiment as follows:

"Two men, attached to each other by handcuffs, are on the train going out of the city, when one turns to the other and asks: 'Where are you going?'

"'Danvers.'

"'Asylum?'

"'Yepe.'

"'Crazy?'

"'Yepe, religion.'

"Silence for a few moments, then the one who has answered the questions turns to the inquisitor:

"'You going to Danvers?'

"'Yes.'

"'Crazy, too?'

"'Yes.'

"'What's the matter with you?'

"'Reciprocity!'

"'Oh, you ain't crazy. You're only a fool.'"—Seattle Post-Intelligencer.

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BOUGHT AND SOLD.

STOCKS MADE SMALL DECLINES.

Depression in London Had a Corresponding Effect on New York Market.

INITIAL LOSSES RECOVERED.

Higher Level Not Long Maintained—Heavy Demand for Union Pacific.

New York, July 20.—The effect of the depression of the London market was shown by a fractional decline at the opening here. Union Pacific ⅝, and 4,000 shares of Atchison sold at 79⅝, and 79¼, compared with 79¾ last night.

Small advances in Baltimore & Ohio and Southern Pacific were the only important exceptions to the decline. Initial losses were recovered and active stocks advanced a fraction over yesterday's closing on heavy buying. The higher level, however, was not long maintained, fresh selling of St. Paul, Atchison, Union Pacific and United States Steel preferred driving prices down again to about where they opened. At 11 o'clock trading was lighter in volume, but somewhat steadier in tone, Union Pacific rising above yesterday's close.

When the pressure of London liquidation ceased, Union Pacific and Southern Pacific came into heavy demand at an advance of 1⅝@2. Missouri Pacific made a fractional gain, but the general market was inclined to hang about last night's level. The specialties, Lackawanna rose 4, Peoria & Eastern 1¾, others, including Smelting preferred about a point. The market was irregular at noon.

Bonds were irregular.

LIVE STOCK.

CHICAGO.

Chicago, July 20.—Cattle—Receipts, 6,000; market steady. Good to prime steers, 5.50@6.25; poor to medium, 4.50@5.25; stockers and feeders, 2.25@4.00; cows, 1.50@4.25; heifers, 3.00@6.00; bulls, 2.00@4.25; calves, 2.50@6.00; Texas fed steers, 4.50@5.25.

Hogs—Receipts today, 12,000; tomorrok, 8,000; market dull 10 @ 20 cents lower. Mixed and butchers, 5.20@5.80; good to choice heavy, 5.50@5.75; rough heavy, 5.00@5.30; light, 5.20@5.65.

Sheep—Receipts, 5,000; market dull; lambs, dull. Goo dto choice wethers, 4.50@6.55; western sheep, 2.50@4.50.

OMAHA.

South Omaha, July 20.—Cattle — Receipts, 1,200; market best, strong; others slow. Native steers, 4.25@6.00; cows and heifers, 3.00@4.40; western steers, 3.25@4.75; range cows and heifers, 2.25@3.35; calves, 2.50@5.25.

Hogs—Receipts, 3,000; market slow. Heavy, 4.90@5.05; mixed, 4.95@5.00; light, 5.00@5.20; pigs, 4.50@5.00.

Sheep—Receipts, 1,000; market steady. Western yearlings, 3.75@6.25; wethers, 3.50@4.20.

KANSAS CITY.

Kansas City, July 20.—Cattle—Receipts, 2,000, including 500 southerns; market strong. Native ster, 4.00@6.25; southern steers, 2.75@4.75; southern cows, 1.75@3.50; native cows and heifers, 1.75@6.25; stockers and feeders, 2.75@4.50; calves, 2.50@3.75; bulls, 2.50@4.75; western steers, 3.75@5.75; western cows, 1.75@3.75.

Hogs—Receipts, 6,000; market 10@20 cents higher. Bulk of sales, 5.25@5.40; heavy, 5.35@5.45; packers, 5.25@5.40 pigs and lights, 4.75@5.30.

Sheep—Receipts, 1,000; market steady. Muttons, 3.25@4.50; lambs, 4.00@6.00; range wethers, 3.75@4.50; ewes, 3.25@3.75.

PRODUCE.

CHICAGO.

Chicago, July 20.—September wheat opened up ½@⅝ to ¾@⅞c., at 88¼ to 88½, and advanced to 88½@88⅝. On heavy liquidations it sold down to 87¼@87⅝.

LIVERPOOL GRAIN.

Liverpool, July 20.—Wheat—Close, July 6s 7¾d; Sept., 6s 9d; Dec., 6s 8¾d.

WOOL.

ST. LOUIS.

St. Louis, July 20.—Wool, steady. Territory and western mediums, 19@21; fine mediums, 15@17; fine, 14@15.

BOSTON.

Boston, July 19.—There is a heavy movement in the wool market with trading marked by something of a feverish tone. This is due to the desire of dealers and users to control the latest clips at the lowest prices which the high market affords. There is a general buying of territory wools, especially all medium and low grades. Territory wools are firm. Pulled wools are quiet with s mall offerings. Foreign wool sold firm in sympathy with strong conditions abroad. Territory quottions are:

Idaho fine, 17@18; heavy fine, 14@15; fine medium, 17@18; medium, 19@20; low medium, 20@21.

Wyoming fine, 16@17; heavy fine, 14@15; fine medium, 17@18; medium, 19@20; low medium, 20@22.

Utah and Nevada fine, 16½@17½; heavy fine, 14@15; fine medium, 17@18; medium, 20@21; low medium, 21@23.

Montana fine choice, 20@21; fine average, 19@20; fine medium choice, 20@21; average, 18@20; staple, 21@22; medium choice, 22@23.

SCIENTIFIC MISCELLANY.

When highly magnified, the images of objects under a microscope reach the eye in a pencil of light so small that it is liable to be blurred by defects of the eye lens or floating particles in the vitreous humor of the eye. In an instrument lately shown the London Royal society, W. J. Gordon has overcome the difficulty by the use of a second microscope with a ½-inch object-glass, giving a further magnification of 100 diameters, the pencil of light being expanded by an oscillating ground-glass screen so as to fill the aperture of this second microscope. With this instrument a diatom magnified 10,000 diameters was shown wonderfully well defined and free from blur. To give an idea of this power, it is stated that the same magnification would cause the eye of a house-fly to cover an area of 312 square feet.

Not all fishes are dumb, but many species emit sounds and a few give remarkable concerts. Instances of the latter have been collected by Henri Coupin, a French author. On the western coast of Borneo, Prayer one night heard musical sounds varying from the resonance of an organ to the soft tones of an eolian harp; and in the China sea, a United States naval officer was struck by an extraordinary blending of the low notes of an organ, the noise of bells and the sounds of a great harp, the intensity causing the vessel to quiver. The pogonias or tambours of the tropical western coast of the Atlantic sometimes congregate about vessels, producing a maddening chorus.

The oxygenophore of Sabbatier, the new French apparatus, stores 15 liters of chemically pure oxygen in a 100 gramme tube of agglomerated sodium peroxide. This little automatic generator gives off a regular current of the gas at the instant when wanted for restoring an asphyxiated person, disinfecting, or any other of many uses.

A beginning in the dosing of plants as a means of treating weakness and disease of the human body has been made at the agricultural bacteriological station of Vienna. Artificially prepared foods containing iron salts often fail to have their intended effects, because the iron is not completely assimilated. The purpose of the experiments has been to increase the proportion of iron in our natural vegetable foods. In the first trial spinach was grown in soil to which hydrate of iron had been added, and the plants were found to have taken up seven times the ordinary percentage of iron, and this without injury. This iron, in a form free from the defects of the artificial preparations, is sufficient for medicinal purposes. Other plants should give as good results, and great possibilities in the hygienic and medicinal culture of common vegetables are suggested.

One of the late new sciences has received the name of "Eugenics," and, as expounded by Dr. Galton, it seeks to determine the laws governing heredity, and to apply them to the betterment of the human race. Part of its work will be to show the bearing of the decline of the birth-rate on national deterioration, and the conditions that promote thriving families. It will strive to regulate the passion of love, absurd as this may seem, and much toward this is expected from placing a social ban on unsuitable marriages. One observer declares that men and women now select life companions less carefully than they do cashiers and cooks.

Observations in different parts of the world have suggested that the earth's atmosphere as a whole was made less transparent than usual in 1902, and that this peculiarity disappeared in 1903. Prof. Cleveland Abbe, of the United States weather bureau, is seeking evidence bearing on the reality of this supposed phenomenon, the dates of its beginning and ending, its extent, and its cause.

A new German camera, for secret use, is concealed in the head of a cane.

Human sense organs lack the refined delicacy of the instruments of science. Dr. Carl Snyder points out that countless millions of stars are discovered by the photographic plate and the telescope in place of the 3,000 visible to the eye, and that an object 1-10,000 of an inch in diameter is comparatively large in a powerful microscope, although one of 1-200 of an inch is scarcely visible to the unaided eye. The tread of a fly, which requires a delicate ear to detect, is magnified by the microphone to the tramp of cavalry. The change in temperature of less than one-fifth of a degree is not perceived by the most sensitive skin, but the bolometer registers on a scale an increase or decrease of a millionth of a degree and actually notes the rise in the temperature of a room when a match is lighted a mile away.

Invar, the peculiar alloy of Dr. Guillaume of Germany, contains nickel and steel in certain proportions. It is remarkable on account of its lack of expansion on being heated, and it may even be so made as to be slightly contracted by heat. It is expected to prove of great value as a means of avoiding the errors in instruments of precision. Measuring apparatus, surveying apparatus and especially timepieces will depend upon it for improvement.

The novel burglar catcher of an Indiana man, intended for stores and other buildings unoccupied at night, consists of a steel tube closed at one end by a cork and at the other by a smaller tube of gunpowder, and containing formaldehyde or other noxious vapor. When an electric circuit is closed by a step on a mat or in other way, a small wire is heated, firing the powder and releasing the formaldehyde.

A color scale prepared by J. F. Tocher, F. I. C., for classifying hair, represents 25 different colors of human hair.

LIFE OF A PIONEER.

Autobiography of Capt. James S. Brown, 520 pages, bound in cloth. Price, $2.00; for sale at Deseret News Book Store, Salt Lake City, Utah.

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THE DENVER & RIO GRANDE AND THE RIO GRANDE WESTERN
Current Time Table.
In effect June 8th, 1904.
LEAVE SALT LAKE CITY.
No. 10—For Heber, Provo and Marysvale ..... 8:00 a.m.
No. 102—For Park City ..... 8:15 a.m.
No. 6—For Denver and East ..... 8:35 a.m.
No. 5—For Ogden and West ..... 8:50 a.m.
No. 1—For Ogden and West ..... 10:30 a.m.
No. 2—For Denver and East ..... 1:40 p.m.
No. 8—For Provo and Eureka ..... 3:15 p.m.
No. 112—For Bingham ..... 5:00 p.m.
No. 114—For Bingham ..... 11:00 a.m.
No. 11—For Ogden and Local Points ..... 5:00 p.m.
No. 4—For Denver and East ..... 6:05 p.m.
No. 3—For Ogden and West ..... 11:55 p.m.
ARRIVE SALT LAKE CITY.
No. 6—From Ogden and the West ..... 8:40 a.m.
No. 12—From Ogden and Local Points ..... 10:25 a.m.
No. 7—From Eureka and Provo ..... 10:30 a.m.
No. 5—From Denver and East ..... 10:40 a.m.
No. 1—From Denver and East ..... 1:25 p.m.
No. 2—From Ogden and the West ..... 3:05 p.m.
No. 101—From Park City ..... 5:15 p.m.
No. 9—From Heber, Provo and Marysvale ..... 6:30 p.m.
No. 111—From Bingham ..... 11:00 a.m.
No. 113—From Bingham ..... 5:50 p.m.
No. 4—From Ogden and the West ..... 7:35 p.m.
No. 3—From Denver and East ..... 11:45 p.m.
All trains except Nos. 1 and 2 stop at intermediate points.
Ticket Office, Dooly Block. 'Phone 26
J. A. BENTON, Gen. Agt. Pass. Dept.

OREGON SHORT LINE RAILROAD
Time Table
In Effect June 19, 1904.
ARRIVE.
From Ogden, Portland, Butte, San Francisco, Chicago, St. Louis, Omaha and Denver ..... 8:25 a.m.
From Ogden and intermediate points ..... 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 ..... 4:20 p.m.
From Ogden, Cache Valley, Butte, Portland and San Francisco ..... 7:30 p.m.
DEPART.
For Ogden, Omaha, Chicago, Denver, Kansas City and St. Louis ..... 7:00 a.m.
For Ogden, Portland, Butte, San Francisco and intermediate points ..... 10:20 a.m.
For Ogden, Omaha, Chicago, Denver, Kansas City, St. Louis and San Francisco ..... 1:30 p.m.
For Ogden, Cache Valley, Denver, Kansas City, Omaha, St. Louis and Chicago ..... 5:45 p.m.
For Ogden, Cache Valley, Butte, Helena, Portland, San Francisco 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.
City Ticket Office, 201 Main Street. Telephone 250.

SALT LAKE ROUTE
TIME TABLE
San Pedro, Los Angeles and Salt Lake R. R. Co.
DEPART.
From Oregon Short Line Depot, Salt Lake City.
For Provo, Lehi, Fairfield and Mercur, connecting at Nephi for Manti and intermediate points on Sanpete Valley Ry. *7:30 a.m.
For Garfield Beach, Tooele, Stockton, Mammoth, Eureka and Silver City (via Leamington cut-off) ..... $:00 a.m.
For Provo, American Fork, Lehi, Juab, Milford, Frisco, Callentes and intermediate points. *6:05 p.m.
ARRIVE.
From Provo, American Fork, Lehi, Juab, Milford, Frisco, Callentes and intermediate points ..... *9:35 a.m.
From Provo, Lehi, Fairfield, Mercur and Sanpete Valley Railway points ..... *6:35 p.m.
From Silver City, Mammoth, Eureka, Stockton, Tooele and Garfield Beach ..... *5:35 p.m.
*Daily.
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 Street. Telephone 250.
E. W. GILLETT, Gen'l Pass. Agt.
J. L. MOORE, Dist. Pass. Agt.

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G. W. MARTIN, General Agent, Denver, Colo.
E. DRAKE, D'st. Pass'r. Agent, Salt Lake City, Utah.

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