

THE UTAH SOUTHERN RAILROAD.

An Important Enterprise—Southern Utah: its Remarkable Mineral and Agricultural Resources—An Outlet Needed to the Pacific.

ST. GEORGE, Utah, May 20.

The Utah Southern Railroad has its present terminus at York, 75 miles south of Salt Lake City, and is coming directly this way. One half of this railroad is owned by our Utah capitalists, and the other half by Jay Gould of New York. Mr. Gould obtained this interest with the understanding that he would furnish the rails and rolling stock as fast as the Utah people should grade the road and put down the ties. But at the present time it is said to be a little uncertain whether Gould will fulfil the terms he has assumed. Our citizens are ready to push on the grading fifty to one hundred miles a year, and finish up the two hundred and fifty miles between this place (St. George) and Salt Lake City. It will soon be known whether the work is to go on this season or not; all that is now waited for is the decision of the Union Pacific Directors.

THIS WHOLE COUNTRY

Is remarkably rich in a great variety of minerals, including millions of tons of iron ore and mountains of coal in Iron county. Coal and iron abound also in this (Washington) county, but not in masses so immense. In Beaver county there is lead combined with silver in great quantity. In Millard county there is a mountain of brimstone. In Juab county a mountain of salt exists, as also vast quarries of gypsum. The latter we have in abundance here, and one hundred miles south of here there is an immense quarry or mine of the purest crystal salt I have ever seen. Twenty-five miles from this place there is an unlimited supply of alabaster, or a variety of marble that much resembles it. In fact, our mineral resources are varied and immense; in no country are they surpassed in variety or magnitude. The approach of a railroad would awaken these industries into life, and they would make a never-ending feeder and support to the line. Regarding the more valuable, or precious metals, I will give you further on some facts that I have been assisted to by Judge Spicer, of Salt Lake, who is thoroughly posted in the mineralogy of this region.

AGRICULTURALLY

The resources of the country are prospective. We cannot exhibit anything based upon present productions, our agricultural products being scarcely sufficient for home consumption. The cereals are not raised to any great extent, and consequently the people depend upon imports for nearly all their breadstuffs and grain feeds.

Horticulture is the main resource of the people. The country cannot be excelled in its production of fruits, grapes, etc., and in time will become great in its production and shipment of wine, dried and canned fruits, etc.; while the main supplies of the people must be brought back in return. The completion of a railroad will at once create a great traffic in this line.

THE GREAT RESOURCES

Are the minerals. As above stated, the country abounds in coal, iron, copper, lead, silver, and other metals in the ore, and such minerals as mica, (isinglass, soda and other alkalies, nitre and sulphur.

Judge Spicer says: "The iron fields are well known, and have been developed so as to prove and demonstrate their extent. These in time would alone be sufficient inducement for the construction of a railroad. Works have been erected at Iron City that have produced considerable pig iron, and only wait the benefit of cheap transportation to enter upon an extensive business.

"Coal is abundant almost everywhere, and that, too, of a good quality that will make coke, and in veins of great width. These extensive coal fields are as yet but little developed. They exist in the red sandstone, cropping out in large veins in many places.

"The copper mines are not surpassed by any yet known. The veins and deposits are extremely large, and the ore is a valuable variety, being mostly malachite and azurite, with some oxides. The belt or zone of copper ores is one of the most extensive known, extend-

ing over a great scope of country, with vast outcrops of ore. None have as yet been worked, however, except the Grand Gulch mines, which have excelled anything yet known in any quarter of the globe. Other mines it is believed will equal these with the same degree of development.

"SILVER ORES

Are just now for the first time being developed and are exciting the curiosity and wonder of mineralogists and mining men. These silver ores are found extending over nearly the whole country, and it is believed that sufficient development will result in a great fissure vein, the peer at least of the Comstock.

"Lead is found in many places, but development does not as yet present much to be said.

"GOLD

Is also found in the Granite Mountains in great quartz mines, which are not being worked as yet.

"Mica or isinglass is found in quantities which give evidence of producing qualities superior to any mines of that useful mineral yet known."

Cheap transportation will abundantly prove the very great resources of this country.—*San Diego, (Cal.) Union, June 2.*

New Way to Kill Grasshoppers.

Ferdinand Riemann, of Montana, devises the following method of coping with the grasshopper, as related in the Rocky Mountain Husbandman—

"It is well known that the ordinary coal oil is one of the surest means of killing grasshoppers, and during the payment of the bounty in this county it was used quite extensively to kill the insects before marketing them. And coal oil is the chief of Mr. Riemann's plan for killing the grasshoppers. He says the smallest particle that will adhere to one's finger, if touched upon the body of an insect will cause almost instant death. He takes a piece of cotton cloth a yard wide, and about twenty feet long. One side he fastens to a rope, the ends of which extend over the cloth a foot or two. To the bottom of the cloth he fastens, say one foot apart, lead sinkers, of sufficient weight to keep the cloth firmly stretched. The cloth is then soaked in coal oil until thoroughly saturated, and with a man at each end, this apparatus is slowly dragged over the ground occupied by the insects. Every grasshopper touched by the oil is instantly killed. The cloth is soaked from time to time, as one's judgment dictates. Mr. Riemann says the first soaking consumes a good deal of oil, but afterwards much less is required, and he estimates that one and a half or two gallons is all that is necessary to kill the grasshoppers on eighty acres. The process is to be applied as soon after hatching as possible, when the grain is small. Where it touches the grass or weeds more or less oil adheres, and this kills such insects as come in contact with it. Mr. Riemann tried the method last spring, and it worked to his complete satisfaction, destroying the grasshoppers upon his premises, and what injuries were sustained by his crops were traceable to insects that came upon him from other localities."

A Rutland (Vt.) jury decided that a keg of lager which contained six per cent. of alcohol was not intoxicating, because a physician showed that older two years old contained eleven per cent. of alcohol.

The Vicar of Kensington, England, in a recent address to female candidates for confirmation, requested them to so arrange their hair that the bishop might REALLY (in small capitals) lay his hand upon their heads.

Several persons who were in the Lewis House yesterday were surprised to see a stranger who sat near the window, suddenly lay aside his paper, haul up his breeches, cut a toothpick off from a wooden leg, and then quietly resume his reading.—*Fullon Times.*

At this season the question which interests a boy is not so much whether his life will be crowned with glory and honor as whether his new summer vest is going to be made out of his father's old trousers.—*Norwich Bulletin.*

We satisfied ourselves the other day that there was no real ill in life except severe bodily pain. Everything else is the child of the imagination, and depends on our thoughts; all other ills find a remedy, either from time or moderation, or strength of mind.—*Madame Seelye.*

I've heard so much about the extravagance of American women that I take infinite comfort in telling them what vain spendthrifts the men are. There is nothing more grateful to the carnal mind than the retort of "You're another!"—*London Correspondent New York Herald.*

\$12 a day at home. Agents wanted. Outfit and terms free. TACE & CO. Augusta, Maine.

For Soap Making

Use the old Reliable

SAPONIFIER, OR Concentrated Lye,

Directions for using it accompany each package. Ask for it at Z. C. M. I. and all branch stores. w15

Administrators' Notice.

ALL PERSONS INDEBTED TO THE ESTATE of Jesse Louder deceased, will please come forward and settle. All persons holding claims against said estate will also present their claims for settlement, as the administrators desire to adjust the affairs of said estate.

JOHN PARKER, Administrators.
AN LOUDER, Administrators.
Virgin City, Jan. 17th, 1876. w1

TO JOHN HUTCHINS.

YOU WILL PLEASE TAKE NOTICE that we have expended in labor for you Eighty Dollars (\$80.00) on the Midway mine in Opbr Mining District. That unless the same is paid within ninety days from the date hereof, together with our costs, your interests in said mine will be forfeited to us by law.

H. D. CONVERSE.
CALVIN KIRK.
I. I. GREENE & LD.

Opbr Mining District,
Sept. 29th, 1875. w50

TO

Merchants and Others.

DO NOT IMPORT WOOLLEN GOODS

When you can buy them in GREAT VARIETY and at Prices that Defy Competition, at

PROVO WOOLLEN FACTORY.

See Samples at Z. C. M. I. and at Taylor & Cutler's, Salt Lake City, also at the Factory.

200,000 lbs. WOOL WANTED.

Special Rates and attention given to the Trade.

JAMES DUNN, Supt.

SPRING CONFERENCE, 1876.

TAYLOR & CUTLER

Are supplied with a large stock of

New Patterns Prints,

Delaines,

Fancy Dress Goods,

Bonnet Ribbons at 20c. a yd.,

Spring Shawls at

\$1.25, \$1.75 & \$2.25 each,

Ladies' Neck Ties 25, 50 & 75c. each,

Lonsdale Bleached 7 yds \$1.00,

also Best Family Groceries,

Boots, Shoes,

Hats, Clocks, &c.,

ALL OF WHICH THEY WILL SELL

WHOLESALE or RETAIL.

Store under Taylor's Hotel,

Which Hotel is a reasonable place for

Conference Visitors to stay at. w9

FRUIT CANS!

Fruit Cans! Fruit Cans!

WHOLESALE AND RETAIL.

Agent for Rumsey's Celebrated

ENGINE FORCE & LIFT PUMPS.

TINNER,

Gas, Water and Steam Fitter.

HOSE, GALVANIZED AND IRON PIPES,

And Fittings for same kept in Stock.

Orders by Mail Promptly Attended To.

DAVID JAMES,

Box 306, Opposite City Meat Market,

West Temple St., Salt Lake City. w21

SALT LAKE CITY IRON WORKS.

One Block South of U. C. R. R. Depot,

PIERPONT, Supt.,

Are now prepared to manufacture and repair all kinds of

Steam Engines, Boilers, Mining, Milling and Hoisting Machinery,

Agricultural Machinery, Mowers, Reapers, Threshing Machines, &c., &c. Iron and

Brass castings of any description made to order.

CASH for old Cast Iron, Brass, &c. w18



DR. WM. H. GROVES

DENTIST

Office—Second South Street, Salt Lake City, east of Elephant Store. Office hours: 9 a.m. to 5 p.m. w34

MOUNTAIN WARBLER!

THERE being several hundred copies of the above Song Book remaining unsold, they can be obtained at the Desert News Office for 25 cents per copy. WM. WILLES. S. L. City, March 31st, 1876.

BAIN WAGONS,

With the improvements I have now put on them, are conceded by all who see them to be ranked as the Leading Wagon of Utah.

OLIVER CHILLED PLOWS

Are now known in every settlement, and I have sold over FIVE HUNDRED in the last six months. Farmers are actually laying away good steel plows and buying the Oliver Chilled Plow, it being such a saving both on team and man. The longer you use them the better they are. No wear out to them.

WALTER A. WOOD'S REAPERS AND MOWERS!

Have taken the front rank of all machines for their durability, ease of running and handling, cutting close and clean, less cost for repairs, which can always be had. THE IMPROVED WOOD'S.

WISNER'S TIGER SELF-OPERATING HAY RAKE

Farmers who have not yet seen this self-dumping hay rake should call early. It is perfect and well made, has wrought iron axle, second growth spokes and good material throughout. YOUR LITTLE GIRL CAN OPERATE IT.

Concord Buggies and all kinds of Spring Wagons,

Hardwood and Wagon Material a Specialty,

Agricultural Implements of all Improved Styles.

ADDRESS

HOWARD SEBREE,

Bain Wagon Depot,

SALT LAKE CITY, UTAH. w10

MARSH HARVESTERS.

THE UNDERSIGNED AGENTS RESPECTFULLY CALL ATTENTION to the following facts—

The MARSH is the original Harvester. All other Harvester Manufacturing Companies are required by law to pay a license to the Marsh Company.

The MARSH HARVESTER is manufactured by its inventors, and under their immediate personal supervision. It is WARRANTED to be the BEST of the Harvester class in every respect.

All our Harvesters on the Utah markets, this year, are made specially for this country, both with respect to the rough surface of the land and the heavy uneven crops grown thereon.

DIAMOND MOWERS.

The DIAMOND MOWER is a perfectly balanced machine. The Frame and Running Gear are all within the wheel. The Cutter Bar swings on a circle, consequently is easily adjusted to uneven ground, and cuts very close. In every position the end of the Cutter Bar is supported by a small wheel. In all places where a first-class mower is required, we WARRANT the DIAMOND to give satisfaction. The material and workmanship are of the best. THE PRICE IS LOWER THAN THE LOWEST.

Each Agent is supplied with Machines and Extras directly from the factory, consequently is independent of all others. Our prices and also terms of sale are uniform.

The Agents will set up and put in successful operation all the machines sold by them in their respective territories.

The following is a list of the names of the Agents and the territory controlled by each.

Mattison & Johnson, Salt Lake City, Agents for Salt Lake, Davis and Summit Counties.

Joseph M. Harris, Ogden City, Agent for Weber, Morgan and Box Elder Counties.

Logan U. O. F. M. & W. M'tg Co., per E. D. Carpenter, Agents for Cache Valley, &c.

Crawford, Thompson & Co., Evanston, Wyoming, Agents for Bear Lake Valley (for Marsh Harvester).

C. A. Herman and Thomas Lee, Tooele City, Agents for Tooele County.

J. M. Ballinger & Co., Pleasant Grove, Agents for Utah and Wasatch Counties.

L. A. Bailey, Nephi, Agent for Juab County.

A. E. Merriam, Manti, Agent for Sanpete County.

Franklin Spencer, Salina, Agent for Sevier County.

L. Holbrook and G. Huntsman, Fillmore, Agents for Millard County.

Joseph Asay, Panguitch, Agent for Beaver, Iron, Kane and Washington Counties. w20