

FINANCE AND TRADE.

EXCHANGE REVIEW.
NEW YORK, July 28.—The stock market today closed with a materially better tone on the whole than yesterday, while prices made considerable progress in the recovery of the losses of the previous day.

STOCKS AND BONDS.
NEW YORK, July 28.—Closing quotations: U. S. 4s. reg. 117 1/2; N. W. Preferred 132; U. S. 4s. coup. 117 1/2; Y. Central 100 1/2; U. S. 4s. coup. 117 1/2; Oregon 100 1/2; U. S. 4s. coup. 117 1/2; Navigation 69; Pacific 88 1/2; Oregon Short Line 22 1/2; Atchafalaya 100; Canadian 100; American Ex. 16; Pacific Mail 33 1/2; Canada Pacific 90 1/2; Reading 27 1/2; Canada 100; Preferred 65; Burlington 80 1/2; Do. 1st 75; Lake Superior 100; St. Paul & Omaha 22 1/2; Erie 18 1/2; Terminal 11 1/2; Lake Shore 108; Union Pacific 42 1/2; Mich. Central 78; Missouri Pacific 65; Wells, Fargo & Co. 140; Northern Pacific 21 1/2; Western Union 79; U. S. Preferred 61 1/2; Am. Cotton Oil 18; Northwestern 103 1/2.

NEW YORK, July 28.—Closing prices are as follows:
Alicia 1.50; Amador 1.50; Adams 1.75; Eureka 3.00; Aspen 1.00; Bodie 1.00; Belle Isle 1.30; Best 1.00; Belcher 1.50; California E. H. 1.00; Chollar 1.00; Colorado 1.00; Commonwealth 1.00; Con. Calif. Va. 1.00; Crown Point 1.20; Deadwood 1.10; Potomac 1.00; Eureka 3.00; Yellow Jacket 1.30; N. Common with 1.25; N. Belle Isle 1.00.

SAN FRANCISCO MARKET REVIEW.
SAN FRANCISCO, July 28.—The produce markets were fairly active this morning, and prices show very little change. Barley, oats and corn quiet, and prices about the same. Wheat very firm, with good demand for shipping grades. Offerings moderate, and there is a fair amount of grain changing hands. No change in mill stuffs. Hay is in heavy supply, and prices weak.

WHOLESALE MEAT MARKET.
[Corrected daily by S. Mast, 149 North Spring street.]
FRESH MEATS—Following are the rates for whole carcasses from slaughterers to dealers: Beef—First quality, 5 1/2c; second quality, 4 1/2c to 5c. Veal—Quotable at 6 to 7c for large and 8 to 9c for small. Mutton—Quotable at 6 1/2c per lb. Lamb—Quotable at 9 to 10c per lb. Pork—Live hogs on foot, grain fed, medium, 7c per lb. Wool—Spring clip, 12c; Crown, 14c; Lily, 14 1/2c; BACON—Refined 12 1/2c; Crown, 12 1/2c; Lily, 12 1/2c; LARD—Refined 8 1/2c; 5c; 8c; 10c; 8c; 5c; 8c; Hercules, 8c; pure lard, 12 1/2c; higher all sorts. DRIED BEEF HAMS—13c. SALT PORK—10c.

PROPOSALS FOR SUPPLIES.
FOR THE
State Reform School
AT WHITTIER.
IN PURSUANCE TO THE ACTION OF THE BOARD OF TRUSTEES OF THE Reform School for Juvenile Offenders, sealed proposals will be received by the superintendent of said school, at his office in Whittier, Los Angeles county, California, up to 10 o'clock a. m. August 15th, 1891, for furnishing the following supplies to the school for the term of four calendar months, ending December 31st, 1891. Said supplies to consist of: Groceries and provisions. Sugar and syrup. Coffee and tea. Soap. Lye and soda. Flour, grain and bran. Keg butter. Fresh dairy butter. Fresh beef and mutton. Coal.

HYDRAULIC MONITORS.

THE INCREDIBLE FORCE OF THE STREAMS THEY THROW.
Mountains Have Been Moved, Valleys Dug Out and the Whole Face of Nature Changed in Parts of California by Small Streams of Falling Water.

One of the most noteworthy features in many portions of the gold region is the elaborate system of water supply for the use of the hydraulic mines and the tremendous changes which were the result of the few years during which hydraulic mining was at its height. So great have been these changes—hills washed away, valleys filled up, others created—that in many localities the entire landscape has been altered.

There are indeed so many remarkable facts connected therewith that, were they not abundantly substantiated, one might well be pardoned for receiving their relation with incredulity. One might not believe that a stream of water issuing from a nozzle or pipe six inches in diameter, and with no other force but gravity behind it, would have much effect on any considerable distance from the aperture, yet such an apparently insignificant stream, with a fall behind it of 375 feet, will carry away a solid boulder weighing a ton or more at a distance of fifty to 100 feet, while at a less distance it will toss such a boulder about as a boy would throw a pebble.

POWER OF WATER.
The velocity and force of such a stream as it issues from the nozzle of the monitor is something terrific. The column of water is solid—so solid that if one were to undertake to thrust any object into it it would make no more impression than if it were iron instead of liquid. If a crowbar or other heavy object be thrust against the stream it would be snatched from the hand and thrown to a great distance as if it were a feather weight, while the man who should firmly grasp an ax and attempt to cut through the stream would undergo an experience that he would remember for many a day.

If a man were to receive the full force of such a stream at a distance of a couple of hundred feet, even though the impact be momentary, he would be killed as quickly as though struck by a cannon ball. He might escape being mangled, but the breath would be most effectually and suddenly expelled from his body.

At 400 feet from the nozzle a 6-inch stream, with 375 feet fall, swung momentarily against the trunk of a tree will denude it in a second of the heaviest bark as cleanly as if an ax had been used. Whenever such a stream is turned against a gravel bank it cuts and burrows into it in every direction, gouging out great caves, causing thousands of tons of earth to fall, which in turn is quickly disintegrated and washed into the sluices.

Boulders so heavy that a man can scarcely lift them are tossed about like chaff, stumps and trunks of trees are thrown to one side like straws, and the work of destruction goes on at a pace that is appalling. If one who has never seen a monitor in operation under full head could imagine the ordinary stream from a fire hose magnified about a thousand times he would be able to form some conception of its power.

THE MONITOR IN ACTION.
The water is brought in open ditches or flumes, sometimes from a great distance, around mountain sides and across valleys and ravines. When the vicinity of the mine is reached a box is put in, from which a pipe conducts the water to the point where it is to be used. It is the distance between this box and the level of the monitor that gives the pressure. With from 300 to 450 feet fall the execution done is tremendous.

At the monitor the water is conducted into a still smaller pipe, with nozzle about one-third the size of the supply pipe, the compression giving it still greater force. The monitor is constructed something like the ordinary hose nozzle, but has a ball joint that permits it to be swung in any direction. Almost the weight of a finger will suffice to direct the movement.

Easily as it is managed, however, the monitor sometimes becomes uncontrollable, and when this happens a scene of destruction and even death ensues. The pipe sways to and fro at its own volition, and the stream flies first in one direction and then in another. If the miners are not warned in time to get out of range they may be mowed down as if by the discharge of a volley of grape. Sometimes the runaway monitor seems as if manipulated by some bloodthirsty monster, and appears to be deliberately turned upon the fleeing men, following them as they fly in every direction and overtaking them before they can reach a place of safety.

THE WORLD'S FAIR CO.,

129 S. SPRING STREET.
CAPITAL STOCK, \$100,000
HON. H. T. HAZARD, President
J. D. CHALLERT, Vice President
A. J. SCHILLER, Treasurer
J. S. SALKEY, Secretary
HON. J. J. GOSPER, Chicago Director
CHILD & WALTON, General Agents for Los Angeles County

This corporation is organized for the purpose of enabling the people to visit the World's Fair in 1893 by the gradual accumulation of savings at the rate of \$1.50 per week for 100 weeks. The company will guarantee first-class tickets to and from Chicago at any time during the continuance of the World's Fair, furnish meals on route both ways, Good Hotel Accommodations for six days at Chicago, six admission tickets to the World's Fair grounds, six meal tickets on the grounds, two tickets to any first-class theater, free bus to and from depot to hotel at Chicago. Also guarantee to furnish membership certificate of the Columbian Exposition Information Bureau, who will have uniformed officers at depots to receive you, conduct you to your hotel, look after your baggage, and will furnish you with all necessary information concerning the World's Fair. All weekly payments are payable at any of the company's custodians of funds, which remain there for this purpose.

For further particulars, inquire at the office of the company, 129 S. Spring Street, up stairs.
Refer by permission to The Farmers and Merchants Bank, First National Bank, Citizens Bank and City Bank, CUSTODIANS OF FUNDS.
7-5wed-fri-sun-1m

CHINO!

Largest Beet Sugar Factory and Refinery
IN THE WORLD
And the United States Experiment Station is located here.

This celebrated ranch is bounded by Pomona, Ontario and Riverside; places noted for fruit culture, beauty, etc. 10,000 acres of arable water lands, which will produce alfalfa, corn, etc., without irrigation. The best arable water is provided for deciduous fruit and choice orange lands. Excellent well water is abundant at from 8 to 25 feet deep. The land is porous, smooth, unbroken and ready for the plow.

The crop needs no housing, sacking or boxing, or holding for market. With right tillage, the yield is large and profits sure. Wherever in Europe or the United States this industry has been established, land has quadrupled in value, and the people greatly prospered.

Special furnished at cost on trust till sale of beets; use of seed drills free; special implements at cost; experienced sugar beet farmer on the ground to freely give correct instruction.

Buy land where you won't have to wait FIVE LONG YEARS for your trees to commence giving you a support, but go to Chino, where you can get the best lands in the world for all kinds of fruits. Raise beets between the rows and get your cash for them in five months, and you can earn from \$40 to \$100 per acre, and the price of beets is established beforehand and not subject to any market fluctuations. This is the chance of your life, now, while prices are low. 2500 acres are now about ready, and a contract with the Messrs. Oxnard Beet Sugar Company to consume 4000 acres of beets next year, and 5000 acres thereafter each year for 3 years, making a grand total of 21,500 acres of beets in 5 years, and will double the capacity if you raise the beets. Where on earth are you offered such inducements and such returns in the same length of time?

PRICES: \$50 TO \$250 PER ACRE. TERMS EASY.
THE TOWN OF CHINO
Is a rapidly growing business point situated near the center of the great Chino ranch; has daily mail, the great Sugar Factory, and W. F. Co.'s express, two railroads connecting at Ontario with the Southern Pacific main line, telegraph, telephone, best of water under fire pressure, etc., and is surrounded for miles by the richest land in the world. Lands and lots for sale at reasonable prices on moderate terms. Title U. S. PATENT.
J. G. McMICHAEL, General Agent, No. 103 South Broadway, Los Angeles.
BRANCH OFFICES: A. H. HURD, Room 128, Adams' Express Building, Chicago, Ill. W. K. GIRD, Chino Office, Ontario, Cal.

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DR. WONG HIM.

THE FIRST CHINESE PHYSICIAN WHO practiced his profession as a city doctor (16 years, and his cures and successful treatment of complicated diseases is proof of his ability. He belongs to the 23rd century of doctors in his family. A trial will convince you. OFFICE, 639 Upper Main St. P. O. Box 204, Station C, Los Angeles, Cal.

TO THE PUBLIC: DR. WONG HIM, 639 Upper Main St., has cured my mother of the typhoid fever in the short time of one week, and left her entirely well, and also has cured me of a tumor I had on my left side. After suffering for a long time and receiving no benefit from other physicians, I concluded to try the above gentleman (Dr. Wong Him), who has left me entirely well, and now I feel it my duty to testify in his behalf. I wish to recommend him to the public as an efficient and skillful physician. MISS CARRIE PEREIRA and MRS. D. C. PEREIRA, 500 Guerrero St., Los Angeles, Cal. February 21, 1891.

TO THE PUBLIC. I take this opportunity of highly recommending Dr. Wong Him's studies as a city doctor. All who have any diseases, especially those whose complaints resist the treatment of other physicians, should try him. For two months I suffered from impure blood and disordered stomach, together with a sore in my right hand, and at the expiration of that time I concluded to call on Dr. Wong Him at his office, 639 Upper Main street. I had a consultation, and after an examination of my blood, he gave me a powder for my lips and medicine internally, and said he would cure me in one week or ten days, and in the expiration of that time declined to give me any more medicine, because I was cured, which statement I fully believe, for I have not been well for long time. JOSEPH E. DUBBS, February 25, 1891. Los Angeles, Cal.

I had been sick five months, paid out large sums of money for doctors and medicines, but derived no benefit. Dr. Wong Him was recommended to me by a friend. I did not think I could get well, as my lungs and kidneys were very bad and getting worse all the time. Dr. Wong Him took me in this condition; he has in two months' time entirely cured me, and now I feel it my duty to testify in his behalf. I wish to recommend him to the public as an efficient and skillful physician. THOMAS WHITE, Los Angeles, May 13, 1891.

TO THE UNFORTUNATE!
Dr. Gibbon's DISPENSARY
628 Kearny Street
Corner of Commercial, San Francisco, Cal.
Treatment of Scrofula and Syphilis, Seminal Diseases, such as Gonorrhoea, Stricture, Syphilis, etc., all its forms. Seminal Weakness, Impotency and Lost Manhood permanently cured. The Doctor cures who others fail not fail to call upon him. The Doctor has traveled extensively in Europe and inspected thoroughly the various hospitals there, and has gained a great deal of valuable information, which he is competent to impart to those in need of his services. Dr. Gibbon's cure is permanent, and strictly confidential. All letters answered in plain envelopes. Call or write to address DR. J. F. GIBBON, Box 1, 957, San Francisco, Cal. Mention Los Angeles Herald. 67-12m

DOCTOR WHITE'S
Private Dispensary,
Corner Third and Spring Streets,
LOS ANGELES, CAL.
[ESTABLISHED 1886.]
NERVOUS DEBILITY,
seminal weakness, impotency, etc., resulting from youthful indiscretions, or from years and other causes, inducing some of the following symptoms, as dizziness, confusion of ideas, defective memory, aversion to society, blotches, emaciation, exhaustion, varicose, etc., are permanently cured. URINARY, KIDNEY and BLADDER troubles, weak back, incontinence, gonorrhoea, strictures, etc., and all urinary discharges are quickly and perfectly cured. SCROFULA AND SYPHILIS, causing ulcers, eruptions, enlarged joints, rheumatism, swelling in groins, mucous patches in mouth, sore throat, etc., are cured. And many other symptoms, are quickly removed and all poison thoroughly and permanently eradicated from the system, by purely vegetable treatment. TREATMENT at office or by express. All letters strictly confidential. Corner Third and Spring St., Ferret Block. 7-15 gm

OPTICIANS AND JEWELERS.
THIS IS NOT OUR WAY.
THE G is acknowledged the leading remedy for Gonorrhoea & Gleet. Cures in 7 to 10 DAYS. Guaranteed to cure Gonorrhoea & Gleet. I prescribe it and feel safe in recommending it to all sufferers. THE GENUINE G is sold by DRUGGISTS, U. S. A. Sold by Druggists. PRICE \$1.00

STRASSBURGER Scientific Optician
THIS IS OUR WAY OF FITTING GLASSES!
The careful and proper adjustment of Frames is as important as the correct fitting of lenses. We make the scientific adjustment of Glasses and Frames our specialty, and guarantee a perfect fit. Testing of the eyes free. Full stock of optical eye on hand. Glasses ground to order on premises. S. G. MARSHUTZ, Scientific Optician, 229 S. Spring street, Theater Building.

FREE INFORMATION
CORRESPONDENCE with intending settlers or investors relative to LANDS FROM \$10 TO \$150 PER ACRE. Attractive opportunities for homes and for profitable investment in irrigation enterprises. Lots in the direction of the City of San Francisco's growth for sale on easy terms. M. L. WICKS, Corner of Court and Main Streets, LOS ANGELES, CAL. Or 702 1/2 Market Street, being intersection of Market, Kearny, Geary and Third streets, S. F. 5-16-6m. SAN FRANCISCO, CAL.

USE INJECTION TRUE
Gonorrhoea Cure for G. gonorrhoea, Chronic Gonorrhoea, Stricture or Stricture and Lymphorrhea of long standing, fully cured from 5 to 14 days. Sold by Druggists. 3rd edit. by F. W. BRUNN & CO., 114 E. 1st St., Los Angeles, Cal. U. S. Pat. 521,971. Price, 5c. F. W. BRUNN & CO., Wholesale Agents. 5-24 3m

JAMES MEANS' \$3 Shoe
The best made, and is sold everywhere. This is the original \$3 shoe. Beware of imitations. Positively none genuine unless stamped on the sole, "James Means' \$3 Shoe." J. MEANS & CO., 41 LEANING STREET, Boston, Mass.

JAMES MEANS' \$4 Shoe
The best made, and is sold everywhere. This is the original \$4 shoe. Beware of imitations. Positively none genuine unless stamped on the sole, "James Means' \$4 Shoe." J. MEANS & CO., 41 LEANING STREET, Boston, Mass.

JAMES MEANS' \$5 Shoe
The best made, and is sold everywhere. This is the original \$5 shoe. Beware of imitations. Positively none genuine unless stamped on the sole, "James Means' \$5 Shoe." J. MEANS & CO., 41 LEANING STREET, Boston, Mass.

Pennyroyal Pills
Original and Only Genuine.
Druggist & Chemist
C. F. HEINZEMAN, No. 222 N. Main St., Los Angeles, Cal.
Prescriptions carefully compounded day or night.

CREOSAZONE
THE GREAT Free & Cheaper Lice Killer.
Ask your dealer for it, or send for Free Circular to Petaluma Incubator Co., Petaluma, Cal.
Baker Iron Works
900 to 908 BUENA VISTA ST., LOS ANGELES, CAL.
Adjoining the Southern Pacific Grounds. Telephone 124.

SANTA CLARA COLLEGE
The Fall Term will open August 5th. Entered students must be present on opening day. JOHN PINASCO, S. J., President.

Druggist & Chemist
C. F. HEINZEMAN, No. 222 N. Main St., Los Angeles, Cal.
Prescriptions carefully compounded day or night.