

# EARTHQUAKE IS RECORDED HERE

Prof. J. Fred Pack Enters Into Detail Regarding Latest Disturbance in Mexico.

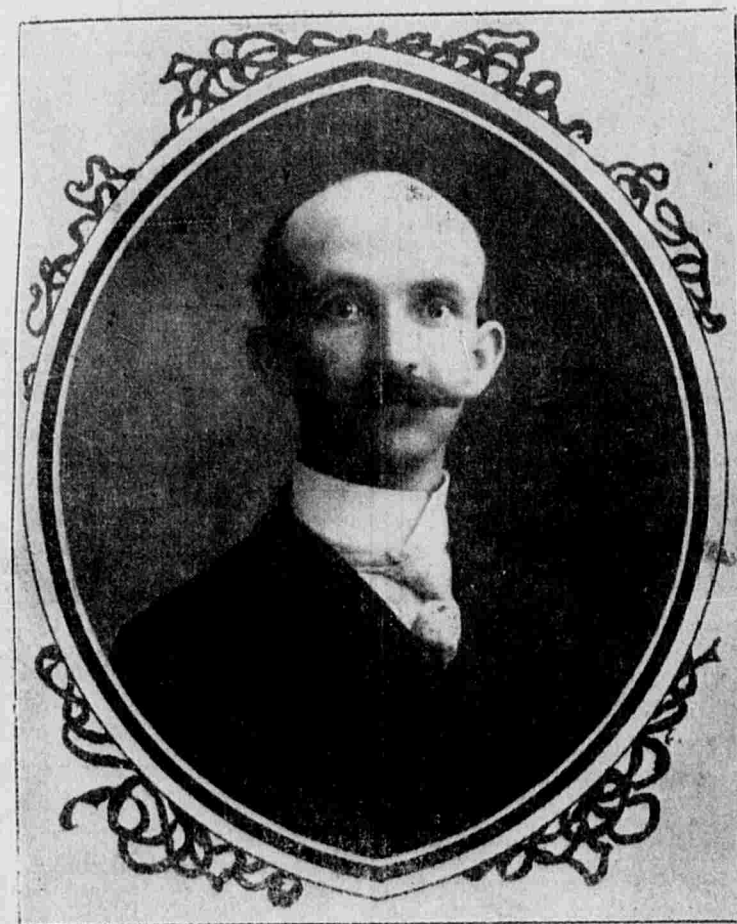
## MORE VIOLENCE THAN 'FRISCO

However the Distance from California to Washington Compared to Salt Lake to Mexico is Greater.

With the destruction of San Francisco scarcely two years ago the entire public was aroused to an intense interest in earthquakes and their accompanying destruction. In the course of a few minutes of America's most beautiful cities was practically annihilated. The whole population of over 300,000 were rendered homeless and helpless. A better illustration of magnitude has never been shown than when the American people came almost as a unit to relieve the suffering at San Francisco.

And now the public is confronted with the news of a somewhat similar disaster in our sister republic at the south. Information thus far available gives but a fragmentary account of the disturbance and the havoc wrought by it, and it is generally hoped that the advice have given us the worst side of the situation. Several days must necessarily pass before a detailed report can be given to the public.

Even before the faintest telegraphic news was received records of this seismic disturbance had already been made at places thousands of miles distant. These records are made by seismographs, instruments almost inconceivably delicate. There are at present about half a dozen of these instruments installed in the United States, the only one of which in the Intermountain region



PROF. J. FRED PACK.

Who Tells the Public Through the "News" of Latest Seismic Disturbance.

tion is maintained by the department of geology at the University of Utah.

### UTAH SEISMOGRAPH.

The Utah seismograph consists essentially of a heavy iron weight (100 kilograms) suspended by a small piano wire from an upright, which in turn is set in a ten-ton cement pier. Earth waves transmit their motion to the upright through the firmly anchored pier, but this motion is not set up in the suspended iron weight. The reader may prove this principle by suspending a weight, say a flat iron, by an ordinary string. The hand holding one end of the string may be moved horizontally through a short distance as violently as desired, but the weight below will remain practically stationary. By means of a simple set of levers and a revolving drum covered with paper this stationary weight in the seismograph records even the faintest tremors of the earth.

### TWO DISTINCT PERIODS.

The record as made at the University of Utah of the Mexican disaster shows two distinct periods of disturbance separated by nearly four hours. The first one was not violent but very constant for nearly an hour, and so far as we are at present concerned, is unimportant. The second one was extremely violent and pulsating. This record shows all of the characteristics of the "ideal" wave. The typical preliminary vibrations followed by the main tremors and these by others of diminishing intensity are all well

## Clean Coffee



Folger's Golden Gate Coffee

is roasted by a direct flame, which burns off all impurities and unclean matter. Weighed and packed by machinery in aroma-tight tins—No hand touches the Coffee until it reaches the consumer. Order whole or retail and let your grocer grind it, or, better still, grind it at home.

J. A. Folger & Co., San Francisco

## Confidence

when eating, that your food is of highest wholesomeness—that it has nothing in it that can injure or distress you—makes the repast doubly comfortable and satisfactory.

This supreme confidence you have when the food is raised with

## ROYAL Baking Powder Absolutely Pure

The only baking powder made with Royal Grape Cream of Tartar

There can be no comforting confidence when eating alum baking powder food. Chemists say that more or less of the alum powder in unchanged alum or alum salts remains in the food.

shown. The preliminary vibrations lasted eight minutes, the main tremors 26, and those of decreasing values, 45, making a total disturbance of 79 minutes' duration.

### PRELIMINARY WARNING.

Scientists are a unit in the thought that very few earthquakes originate at depths greater than 10 miles, and

the displacement may appear alarmingly high, but at such points the velocities are usually low and without sudden impact. The displacement of the ground at Salt Lake on Thursday was nearly one-half inch on each side of its position when at rest, but the shock of impact did not reach this far, and therefore, passed by unobserved.

### TWO GENERAL CLASSES.

Most authorities recognize two general classes of earthquakes: (1) volcanic quakes, and (2) tectonic or dislocation quakes. The former originate in districts of volcanism and are always immediately connected with volcanic activity. The second class usually originate at greater depth and are the result of one earth block slipping upon another. Sometimes this slipping is manifest on the surface, in such cases cracks and seams are formed. At other times this slipping is not transmitted to the surface and is recognized only by its resulting jar. This is the more violent and destructive type, and to it belong nearly all of the disastrous earthquakes recorded in history. Disturbances of this kind are confined chiefly to mountainous districts and adjacent territory. The entire Cordilleran system of the west is more or less subject to seismic activity, and especially those portions of it which are rising. The front range of California is being slowly lifted from the sea, and it is to this condition that the San Francisco disaster is assigned. Mexico is also in this general line of violent building, and also within a district of active volcanism. To which class of earthquakes the recent one is to be assigned has not as yet been determined.

A. FRED PACK.

Ross sale, March 31st. Dont plant half dead stock. Get roots fresh from our rural farm at greatly reduced prices. Porter-Walton, 318 South State.



### "TRUSTIES" TURNED UP.

John Allen, "Red" Higgins and James Marshall, three men sentenced to terms in the city jail, were made trustees by the jailer. Yesterday they put in their time wandering about town, chatting with friends and doing anything that struck their fancy to pass the time away.

When it came time to lock up the prisoners, the three men were missed and this led to great excitement because the police thought the men had escaped. Surefoot detectives were put on the trail, but just after dark the men appeared and explained that they had been detained, unaccountably, and were real sorry that any apprehension was felt for their safety. With this explanation they were locked in their cells for the night.

Children should not be allowed to drink Coffee. It contains a drug—Caffeine—which interferes with the child's natural growth.

Almost any doctor will tell you this. Many are now advising Postum—made from clean hard wheat—as a table beverage in place of coffee. When served hot with good cream, and sugar to taste, it is delicious, cheering and at the same time, healthful.

Postum contains no coffee or other harmful substance, but includes the "vital phosphates" from the wheat.

"There's a Reason."

## THREE MISFIT COUPLES UNMATED

Judge Morse Grants Divorce to Two Husbands and One Wife.

### MEN ALLEGE INFIDELITY.

Edward Burr Alleges His Wife Ran Away With Spaniard—Mrs. Gygie Beat Husband With Complaint.

Three divorces were granted by Judge Morse yesterday afternoon, two men and one woman being the applicants. The first case disposed of was that of Edward Burr, who asked that the bonds of matrimony existing between himself and Virginia E. Burr be dissolved. The couple married at Santa Cruz, Cal., Aug. 1, 1906, and the husband alleged that his wife ran away with a Spaniard four years later, Burr believes that the pair are still living together at Bakersfield, Cal.

B. M. Scott accused his wife, Fanny A. Scott, of having at various times been unfaithful to her marriage vows. They were married at Fillmore, Aug. 29, 1902. The plaintiff's testimony was corroborated, and the decree was granted.

### BEAT HUSBAND TO IT.

Robert Gygie filed suit for divorce from his wife, Louise Gygie, on the grounds of desertion, but she filed a cross-complaint, charging non-support, and upon a proper showing of the case, was not in court. The couple married at Logan July 14, 1904, and have one child. Mrs. Gygie said her husband was unable to work, but seldom did so, and she was ordered by the court to pay to his wife, Susan J. Kilpack, the sum of \$15 a month alimony, to be drawn from his \$800 bank account, he being permitted to draw \$20 per month for himself. The divorce proceedings have not yet been settled.

### GIVEN GOLD MEDALLION.

Don M. Clark, director and manager of the Elks' show, "A Night in Bohemia," was last night presented with a gold medallion from the ladies of "No. 85," E. R. Wheelon making the address. Mr. Clark returns east today, but is so well pleased with Salt Lake that he intends locating here and starting a dramatic school and a book agency. He says Salt Lake has more dramatic talent for its size than any city he has visited. Mr. Clark is the son of George Clark, a well known actor. He has made many friends during his stay here.

### IN MEMORIAM.

Martha Van Cott Price.

The death of Mrs. Martha V. Price of Salt Lake City, removes from earthly scenes a sweet and amiable woman, and one more of the heroic figures of our pioneer times. She was the daughter of John Van Cott, a very prominent character in the founding of Utah, and came with her parents in their great immigration that followed the Pioneers, arriving here in the autumn of 1847. A native of New York State, born at Canaan, Columbia county, February 25, 1838, she was only be-



### MRS. MARY MEYER.

MRS. MARY MEYER, Thomson Avenue, near Shell Road, Winfield, L. I., N. Y., writes:

"I have been annoyed with a cough for years. Often it was so bad that I could not sleep half the night. Many people thought I had consumption."

"A woman recommended Peruna to me two years ago. I began to take Peruna, and now I am perfectly free from a cough. I am glad to say that Peruna cured me entirely."

"I take Peruna occasionally, when I do not feel well, and I also give it to my children."

"Peruna is the best medicine for coughs and colds. I have told many people how much Peruna has helped me."

Mrs. Hettie Green, R. R. No. 6, Iuka, Ill., writes as follows of the efficacy of Peruna:

"Last November I had catarrh and felt so miserable I thought that I would go into consumption."

"I tried so many doctors and medicines, but nothing did me any good, only Peruna."

"After I began the use of Peruna I began to improve in every way. My head did not hurt so much, my stomach was all right, my bowels are regular, my appetite good, my complexion clear, my eyes are bright and am gaining in flesh and strength."

"I think Peruna has no equal as a catarrh remedy."

Peruna tends to lessen the cough, decreases the expectoration, strengthens the patient, increases the appetite and in many cases procures sound, refreshing sleep.

### MISS BEULAH B. BROOME.

Miss Beulah B. Broome, 409 12th St., N. E., Washington, D. C., writes:

"I have suffered from weak lungs and catarrhal troubles for four years, brought on by many neglected colds, but on the recommendation of a friend I gave Peruna an honest trial and I am pleased to state that it restored me to perfect health. There is not the slightest trace of catarrh in my system and my lungs are perfectly sound."

"I unhesitatingly give this testimonial."

Mrs. William Holman, 509 N. Paulina St., Chicago, Ill., writes:

"I suffered with catarrh of the bronchial tubes and had a terrible cough ever since a child. After a while it got so bad I had to cough both winter and summer. Finally, I burst a blood vessel in my throat from the strain of coughing, next a blood vessel in my stomach, so I kept getting worse and doctoring, and even then could get no relief. I thought, and everybody else, that I had consumption."

"Reading the papers about Peruna I decided to try it, without the least bit of hope that it would do me any good. But after taking three bottles I noticed a change. My appetite got better, so I kept on, never got discouraged."

"Finally I seemed not to cough so much, and the pains in my chest got better. I am well now. I cannot tell you how grateful I am, and I cannot thank Peruna enough. It has cured where doctors have failed. People who think they have consumption better give it a trial."

### MISS JOSIE SCHAEZEL.

Miss Josie Schaezel, General Delivery, Appleton, Wisconsin, writes:

"I contracted a severe cold which settled on my lungs in very short order, and it was not long until it developed into a serious case of catarrh. Every morning I would raise a lot of phlegm, which was very disagreeable. My digestion was poor and my lungs sore."

"After a few doses of Peruna I began to mend, and felt that if I kept on taking it it would not be long until I would be well. I was right, for in four weeks I was well again."

"I think Peruna is a grand medicine, and wish to add my testimony to the many others you have."

The fight against consumption is becoming a national problem.

Everywhere we hear of sanitariums established at the expense of the state for the treatment of the vast army of consumptives.

The open air treatment, fresh air and sunlight, are recognized by the medical profession generally as being the greatest necessities in the treatment of consumption in all its stages.

Dr. Hartman has for many years advocated the fresh air treatment for consumption. At the same time he has recognized Peruna as a useful palliative for the many distressing symptoms which accompany the white plague.

The promptness with which Peruna relieves a fresh cold, and even removes chronic colds, is well-known. This ranks Peruna as a reliable prophylactic against consumption.

### FOR SWEET CHARITY.

Prominent Artists Who Will Appear at Free Dispensary Concert.

That the good work of the Free Dispensary operated by the Volunteers of America is being generally appreciated is clearly evidenced by the number of prominent local artists who will participate in the benefit concert to be given for this institution at the congregational church, Tuesday, April 7. The great need of a free dispensary in Salt Lake City has been amply demonstrated since its inception by the steadily increasing number of cases treated. There has before never been in Salt Lake City any means by which indigent cases could be handled in a satisfactory way. Now, the city as well as the county authorities and the Associated charities send cases to the Volunteers' Free Dispensary. A staff of prominent physicians are in charge, a nurse is engaged in visiting the sick poor in their homes, and a druggist is engaged to prepare prescriptions.

To keep this work up a great deal of money is necessary, and it is to raise funds for more extensive philanthropy in this direction as well as to wipe out some obligations already assumed that the concert April 7 will be given. Following are some of the people who will help to make it an artistic success. Miss Maud May Bock, Miss Edna Evans, Mr. H. W. Douglass, Mr. M. J. Brines, Mr. William C. Clive, Mr. Edward P. Kinall and Mr. F. C. Smith. A short address on the work of the organization will be delivered by Gov. Cutler.

### THE LUCKY QUARTER.

Is the one you pay out for a box of Dr. King's New Life Pills. They bring you the health that's more precious than jewels. Try them for headache, biliousness, constipation and malaria. If they disappoint you the price will be cheerfully refunded at Z. C. M. I. Drug Dept. 112-114 So. Main.

### Music Festival, April 1 and 2.

Special rate of 15c and 25c to all school students to matinees.

Tickets for music festival at Clayton Music Co.

Floor good? Music good? Everything good. Saltair, April 3.

## NO MORE PATROLMEN

Request of Chief Pitt for Additional Men on Police Force Turned Down by Committee.

A quietus was put upon Chief of Police Tom Pitt's application for an increase of patrolmen, when the finance committee of the city council yesterday struck the item from the estimates of the department.

The action was taken at a meeting of the committee to consider appropriations for the present year. It has been decided that the police department must be run at an expense not to exceed \$90,000, and that sum would provide any addition to the force. Chief Pitt had taken it for granted that his request would be acceded to, and appointments were made accordingly. The list was submitted to the council Monday evening, which disposed of the matter as indicated above.

During the debate, Mr. Martin took

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## A NEW REAL ESTATE FIRM.



### ROSS C. DAVIS.

A new real estate firm under the name of R. C. Davis & Co., has opened at 408-9 Tribune building, for the transaction of general real estate and business opportunities. R. C. Davis, the senior member, has been in the real estate business for the last three years in this city, while his associate, Mr. P. E. Lamar, was formerly connected with the Western Engineering & Construction Company. Mr. Davis is a member of the Real Estate Association.

### LEARN TO DANCE.

Waltz and two-step guaranteed in one lesson. Prof. Kennedy's academy, 68 Post-office place.

SALT LAKE THEATRE. GEO. D. PYPER, MANAGER. CURTAIN 6.35.

TONIGHT LAST TIME. Direct from the greatest success ever achieved by an American actress in England.

GRACE GEORGE. Assisted by H. Reeves-Smith and her London and New York company presenting Sardou's diverting comedy.

DIVORCONS. (Let us be Divorced.) Prices, 50c to \$2.00. Mat. 25c to \$1.50.

READ THE Theatre Magazine. For Theatrical News And Stage Pictures.

BEST HEALER IN THE WORLD. Rev. F. Starbird, of East Raymond, Maine, says: "I have used Bucklen's Arnica Salve for several years, on my old army wound, and on other obstinate sores and find it the best healer in the world. I use it too with great success in my veterinary business." Price 25c at Z. C. M. I. Drug Dept., 112-114 So. Main.

Don't miss it. April 2, Saltair.

NEW WALL PAPER.

Just in. 10c, 15c, 20c, 25c per double roll. Very decorative. Endless varieties in designs and colorings.

GEO. W. EBERT & CO., 57 Main.

LEARN TO DANCE. Waltz and two-step guaranteed in one lesson.

Prof. Kennedy's academy, 68 Post-office place.

Cure Hoarseness and Sore Throat. A simple remedy. Free from opiates. In boxes only.

BROWN'S BRONCHIAL REMEDY. FOR COUGHS AND COLDS.