

VESUVIUS IN ERUPTION

Old Mountain Indulges in Spectacular Performance.

The people of Naples and the environs witnessed a remarkable spectacle at noon Wednesday. One thousand feet below the central cone of Vesuvius the volcano opened like a huge mouth, out of which belched a fiery stream of lava, which ran down the side of the mountain and at first seemed to menace the observatory.

Concentrates

Mining and Scientific Press. Holes can be drilled in soft rock, frozen clay, etc., much more rapidly by means of a churn drill than by striking with a hammer or by any machine drill.

There is no authentic record of a circular mortar with a single stamp having been used at Sutter Creek, Cal., in 1875, or about that time. Prospectors at various times have rigged up ingenious crushing devices for milling rich gold quartz, but as far as known none of these makeshift affairs were entitled to be called a mortar.

With a pressure of 100 pounds at the nozzle, 1 1/2 inch diameter, a stream can be thrown vertically 105 feet, and horizontally 96 feet. The nozzle will discharge 574 gallons of water per minute. With a higher pressure, equivalent to a higher head, the amount discharged and the distance to which the water may be thrown, will be increased.

For the purpose of experiment, the managers of the De Beers Consolidated Mines of South Africa, filled a vessel with diamonds of various sizes and values representing the "run of mine," and reached the conclusion that a cubic meter of diamonds would contain 1,167,000 carats, worth, approximately, \$75,000,000. A yield of twelve carats per 100 pounds (1600 pounds) is considered the average yield of the diamond mines.

The Supreme Court of the United States (case of Tartar vs Spring Valley M. Co.) decided—and it has since generally been held through out the Pacific coast States and territories—that "the right to water by prior appropriation for any useful purpose was entitled to protection. Water is diverted to propel machinery in flour mills and saw mills, and to irrigate and for cultivation, as well as to enable miners to work their claims; and in all such cases the right of the first appropriator, exercised within reasonable limits, is respected and enforced."

Drunkards, widows, beaten wives and starved families should congratulate themselves that there are six hours in the dead of night that saloonkeepers cannot lawfully make drunkards and be exempt from damages. Let them be thankful for this humane provision. The time may come when Christian people may ask more than six hours of rest in 24 from this curse.—John Rathoff.

W. C. T. U. Column

The regular meeting of the W. C. T. U. will be held at the home of Mrs. Mattie Shrader, Friday, Sept. 11, at 2:30 p. m.

Perhaps it may not generally be known that 12 former presidents of the United States, at the earnest solicitation of Edward Cornelius Delean of New York, appended their names to the following "temperance declaration": "Being satisfied from observation and experience, as well as from medical testimony, that ardent spirits and drink is not only needless, but harmful and that the entire disuse of it would tend to promote the health, the virtue and the happiness of the community, we hereby express our conviction that should the people of the United States, and especially the young men, discontinue entirely the use of it, they would not only promote their personal benefit, but the good of our country and the world."

Indiana passes as a Christian state, but we have some peculiar features in our laws determining crime. Last summer we had three deaths caused directly by the licensed saloon. One was a murder committed in the back yard of the "Black Prince saloon."

Another was the case of a man who was picked up dead, though nothing could be learned to develop guilt under our law. The third case of the three, all within three weeks, was that of a man, who, having been missed for some days, was fished out of a closet in the back yard of a saloon. An investigation raised a suspicion that he had fallen into the pit when drunk, and that he was given the liquor a few minutes after 11 o'clock at night.

The lawful time in Indiana for making drunkards is from 5 a. m. to 11 p. m. The widow brought suit for damages against the saloonkeeper. On the trial it was proven that the liquor was furnished a few minutes after 11 o'clock at night, and the widow was awarded damages in the sum of \$1,750 on the ground that the sale of the liquor was unlawful as to time. The judgment was awarded not because the husband was made drunk, not because the woman was deprived of her husband, but because the liquor was furnished a few minutes after the time the Indiana law provides for making drunkards.

A man of "good moral character" may purchase for \$100 the right legal title to make drunkards in Indiana, provided he does it in the specified time prescribed by statute. The basis for a damage does not hinge on the act of making drunk, but on the time of making drunk. Damages cannot be recovered against the saloonkeeper because the drunken man dies, or because he beats his wife or kills a child, provided he commits the act within the time prescribed by statute for making drunkards.

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Excursion Rates to Yaquina Bay. On June 1st the Southern Pacific Co. will resume sale of excursion tickets to Newport and Yaquina Bay. Rate from Grants Pass, \$10. This popular resort has long been well and favorably known to the people of Western Oregon, and the low rates offered should enable everyone to take an outing.

STOMACH TROUBLE. "I have been troubled with my stomach for the past four years," says D. L. Beach, of Clifton Park Farm, Greenfield, Mass. "A few days ago I was induced to buy a box of Chamberlain's Stomach and Liver Tablets. I have taken part of them and feel a great deal better. For sale by all druggists. For a billous attack take Chamberlain's Stomach and Liver Tablets and a quick cure is certain. For sale by all druggists."

ADMINISTRATOR'S NOTICE. Notice is hereby given that all persons having any claim against the estate of Job Anderson, deceased, must present such claim or claims daily commencing on the 1st day of September, 1903, and continuing for six months from the date hereof to the undersigned Jesse M. Hockett, administrator of said estate, at Grants Pass, Oregon.

DIRECTORY REDUCED EXCURSION RATE

JOSEPHINE COUNTY OFFICERS. Judge J. O. Booth, County Clerk J. T. Johnson, County Assessor J. F. Lavelle, Sheriff J. T. Johnson, Deputy Sheriff J. T. Johnson, Treasurer J. T. Johnson, Auditor J. T. Johnson, Surveyor J. T. Johnson, Coroner J. T. Johnson.

On and after June 1, 1903, the Southern Pacific, in connection with the Corvallis & Eastern Railroad will have on sale round trip tickets from Portland to Newport, Yaquina and Detroit at very low rates, good for return until October 10, 1903.

Three days tickets to Newport and Yaquina, good going Saturdays and returning Mondays are also on sale from all East Side points Portland to Eugene inclusive, and from all West Side points, enabling people to visit their families and spend Sunday at the seaside.

Season tickets from all East side points Portland to Eugene inclusive, and from all West side points are also on sale to Detroit at very low rates with stop over privileges at Mill City or any point east enabling tourists to visit the Santiam and Breitenbush as well as the famous Breitenbush Hot Springs in the Cascade Mountains, which can be reached in one day.

Season tickets will be good for return from all points until October 10th. Three days tickets will be good going on Saturdays and returning Mondays only. Tickets from Portland and vicinity will be good for return via the East or West side at option of passenger. Tickets from Eugene and vicinity will be good going via the Lebanon Springfield branch, if desired. Baggage on Newport ticket checked through to Newport; on Yaquina tickets to Yaquina only.

S. P. trains connect with the C. & E. at Albany and Corvallis for Yaquina and Newport. Trains on the C. & E. for Detroit will leave Albany at 7:00 a. m., enabling tourists to the Hot Springs to reach there the same day.

Full information as to rates, timetables, etc., can be obtained on application to Edwin Stone, manager C. & E. R. R., Albany, W. E. Coman, G. P. A., S. P. Co. Portland, or to any S. P. or C. & E. agent.

Rate from Grants Pass to Newport, \$10. Rate from Grants Pass to Yaquina \$10.

21 YEARS A DYSPEPTIC. R. H. Foster, 318 S. 2d St., Salt Lake City, writes: "I have been bothered with dyspepsia or indigestion for 21 years; I got many doctors without relief; recently I got a bottle of Herber's Compound and cured me. I am now tapering off on the second dose at Slover Drug Co."

BLIND-FOLD. Blindfold a woman and she loses all confidence in herself. Her steps are slow, hesitating and unsteady. Her hands are raised to ward the imaginary threats which threaten her. Her face is pale and her eyes are fixed on the ground. The sick woman who uses Dr. Pierce's Favorite Prescription may do so with absolute confidence. It invites open investigation. There need be no hesitation in following the hundreds of thousands of women who have found a perfect cure for women's ills in the use of this medicine.

Reduced Summer Excursion Rates.

The Denver & Rio Grande, popularly known as the "Scenic Line of the World," has announced greatly reduced round-trip rates from Pacific Coast points for the benefit of teachers who will spend their vacation in the east, and of delegates to E. A., at Boston; A. O. U. W., at St. Paul; B. P. O. E., at Baltimore; Woodmen of America at Indianapolis; Eagles at New York; Mystic Shrine at Saratoga Springs; K. of P. at Louisville, and T. P. A., at Indianapolis.

Tickets at the reduced rates will be based upon one fare for the round trip, but will be sold on certain days. These tickets will carry stopover privileges on the going trip, giving passengers an opportunity to visit Salt Lake City, Glenwood Springs, Colorado Springs and Denver; and will be good to return any time within ninety days. Passengers going via the Denver & Rio Grande are given the privilege of returning via a different route.

People that have dyspepsia have weak stomachs, weak hearts, weak eyes and are usually weak kneed. They feel bilious and the world in general has a bilious look to them. It is difficult to locate the place when they feel the worst. The fact is the source from where they get their strength has been cut off and they are sick all over. The food taken into the stomach remains undigested, causing belching, and bilious attacks, followed by sick-headache, and general weakness. The medicine that puts the stomach in condition so that the food can be readily digested, will cure dyspepsia and make strength where there was weakness.

We have cured thousands of persons during the last 20 years of dyspepsia, with Dr. Cassell's Improved Food Pills. The box of these pills are worth more to people with poor digestion than six months of dieting or a gallon of cod liver oil. They are sold by mail. We will send two for 25 cents to prove what they will do. W. F. Kremer, sells them for 25 cents each in his office at Grants Pass to Newport, \$10.

NOTICE FOR PUBLICATION. Timber Land, Act June 3, 1878. Section 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

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NOTICE TO CREDITORS. In the County Court for Josephine County, State of Oregon. In the matter of the estate of J. F. Van Ness, deceased, called Joseph Van Ness and some other persons, who have been appointed administrator of the estate of the above named J. F. Van Ness, deceased, and all persons claiming against said estate, are hereby notified to present the same to the said administrator at his office in Grants Pass, Oregon, within six months from the date of this notice. Dated August 12th, 1903.

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SURE CURE FOR PILES.

Healing Piles produce moisture and cause itching. This form, as well as Bleed, Bleeding or Protruding Piles are cured by Dr. Bosanko's Pile Remedy. Stops itching and bleeding. Absorbs tumors. 50c a jar at Druggists, or sent by mail. Treatise free. Write me about your case. Dr. Bosanko, Philadelphia. For sale by W. F. Kremer.

SCHUBERT'S PATENT SLICE. To be had of all leading dealers. C. GOTZIAN & Co. MANUFACTURERS. ST. PAUL.

ASK THE AGENT FOR TICKETS VIA GREAT NORTHERN RAILWAY. TO SPOKANE, ST. PAUL, DEATH, MINNEAPOLIS, CHICAGO AND ALL POINTS EAST. 2 TRAINS DAILY FAST TIME.

DR. FENNER'S KIDNEY and Backache CURE. All diseases of Kidneys, Bladder, Urinary Organs, etc. Don't become discouraged. There is a cure for you.

DR. JORDAN'S GREAT MUSEUM OF ANATOMY. DR. JORDAN'S GREAT MUSEUM OF ANATOMY. DR. JORDAN'S GREAT MUSEUM OF ANATOMY.

RHEUMATIC SUFFERERS can positively be cured with OIL OF EDEN and SWEET SPIRITS OF EDEN. No money will be returned to you in case of failure, but there will be no failure.

THE DENVER & RIO GRANDE AND THE RIO GRANDE WESTERN. THE SCENIC LINE. Through Salt Lake City, Leadville, Pueblo, Colorado Springs, and Denver, and the Famous Rocky Mountain Scenery by Daylight to All Points East.

WINE OF CARDUI. The largest sum ever paid for a prescription, changed hands in San Francisco, Aug. 30, 1901. The transfer involved in coin about \$12,000.00 and was paid by a party of business men for a specific Bright's Disease and Diabetes, hitherto incurable disease.

O. R. & N. OREGON SHORT LINE AND UNION PACIFIC. Shortest, Quickest. Comfortable. Visible Writing, Simple Mechanism, Speed, Excellent Manfolding, Permanent True Alignment and Durability at a Fair Price.

Grove's Tasteless Chill Tonic has stood the test 25 years. Average Annual Sales over One and a Half Million bottles. Does this record merit appeal to you? No Cure, No Pay. 50c.