

EAT AND SLEEP WHILE HUGE TUBE IS BORED BENEATH

O. R. & N. Tunnel Under Peninsula Reaches Depth of 1000 Feet—Will Give Train Exit Without Grade.

The big tunnel of the Oregon Railroad & Navigation company under the peninsula has reached a depth of more than 1000 feet. Two hundred men, under the direction of Lubomir F. Gerdetz, a Hungarian civil engineer, are boring the tube, which is to give Oregon Railroad & Navigation trains an exit to the east without heavy grades, at the rate of from 20 to 25 feet a day, completed work. While the people of Columbia park go about ordinary duties or sleep, the earth under their homes is being undermined and strong timbers set in place to carry the earth pressure.

"Tunnel construction could not be more difficult," said Mr. Gerdetz. "That we escape accident and injury and proceed so rapidly is very pleasing to me."

Nature of Earth Entertaining. It is the peculiar nature of the earth that makes progress hard. As the deeper strata are penetrated the composition is found to be fine black sand, mingled with "shot" gravel, and an occasional boulder. Leave the slightest opening and the sand sifts in with great pressure. If well started, stopping the slide would be all but impossible, and the lives of workmen would pay the penalty.

But in spite of the danger, both ends of the mile long tunnel are being attacked at once, and its completion ready for use is promised on record time. A measure of safety and much expedition is found in Mr. Gerdetz's method, which is novel in the history of western tunnel building.

When work on the south end of the tunnel, facing the Willamette was first begun, earth was taken from the entire heading. The way was blocked with false work and dirt cars. A slide was inevitable and two men, caught helpless as though trapped, lost their lives, while others barely escaped.

New System Best. The work had been under the supervision of another engineer who had been performing the task in the old and stereotyped fashion. Gerdetz had been getting ready to take charge of the work on the north end of the tunnel, while at the same time Campbell & Switzer of the Pacific Bridge company declared his scheme for removal of the dirt by sections was fantastic and impossible. But as a result of the accident they decided to give the plan a trial. That it works and works well, is proved by the fact that the young foreigner has penetrated farther on the north end in two months than had been found possible at the south end in four months. Viewing the work was found intensely interesting.

Lower Heading Excavated First. The lower heading, about 6 feet square, is first excavated, then the upper heading of the same dimensions. Between them is a layer of unreworked earth. The third penetrated is made on each side of the upper heading, and room made for the installation of segments. Finally the layer of earth is removed from between the upper and lower headings and the wall plates laid at the point where the perpendicular walls meet the round ceiling. False work which holds the earth pressure is much stronger than sawed timber.

Then the earth is removed from directly about the lower heading. This has been held in a crib made by the false work. Then the earth is removed from the lower side, making the tunnel its full width, and giving opportunity for the installation of the plumb posts or permanent uprights. The completed lateral section is faced with boards, supported by timbers. The ceiling is composed of five segments, and is half a dekagon. To understand how harmoniously every part of the work fits into every other part, and how all the work and all the men are continuously protected, the tunnel must be seen and studied. Earth is removed on a track built along the lower heading, which is kept constantly 50 to 80 feet in advance of all the other work. Chutes are placed at regular intervals to catch

Staying Power

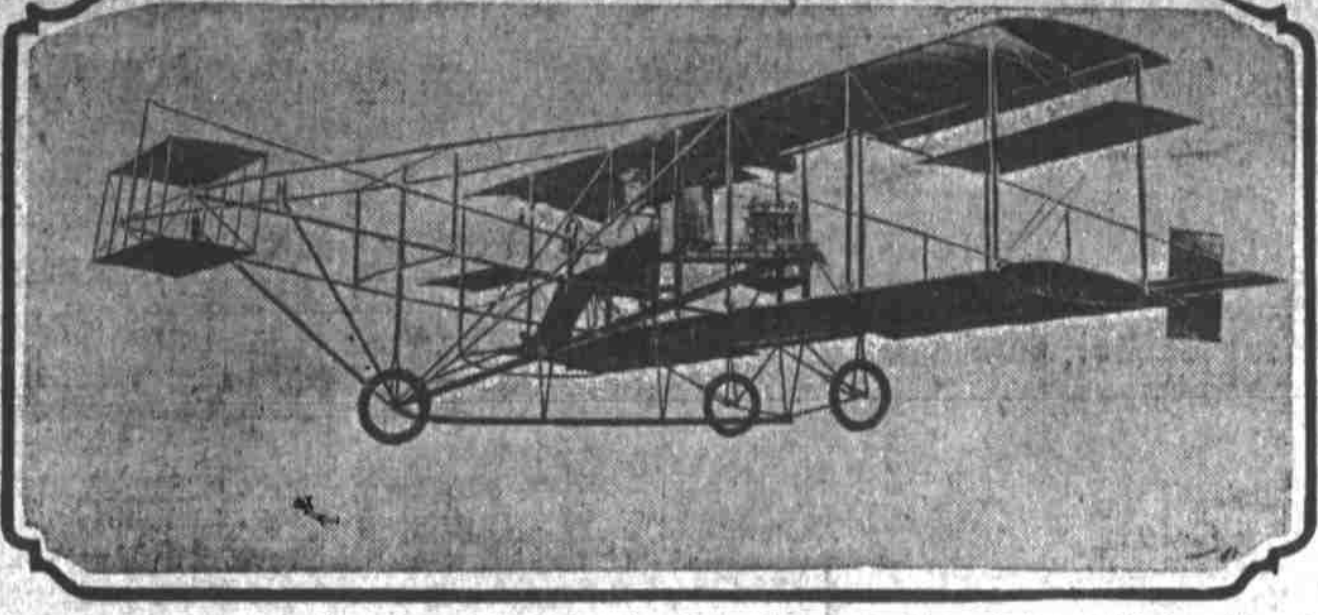
Is one of the essentials To success. The ability to "hang on" "Till the last cat's hung" Has won out for many a man Otherwise handicapped. One can store up Energy and "grit" from The right kind of food.

Grape-Nuts

Contains the vital elements From wheat and barley, That make for endurance And clear-headedness. Grape-Nuts is fully cooked—Ready to eat from the pkg.; Is quickly absorbed and Begins at once to Repair waste tissue and Store up energy for the "Long, strong pull that wins." Read "The Road to Wellville" In pkgs.

"There's a Reason"

POSTUM CEREAL CO. LTD., Battle Creek, Mich.



Curtiss aeroplane purchased by George W. Kleiser for Henry Wemme, which will be exhibited at the automobile show. This is the first aeroplane purchased on the Pacific coast.

PAYS DEARLY FOR CUTTING TIMBER

James Stoddard Contributes \$100 for Clearing a Cabin Site.

James Stoddard of La Grande, was fined \$100 by Federal Judge C. E. Wolverton in United States district court today for cutting timber from government land. The government's case against Stoddard dates back to June, 1901, when he was found guilty of the charge.

More than 10 years ago Stoddard took up a timber claim on what is now a part of the townsite of Sumpter, Or., cutting trees valued at \$50 to clear a spot for his hut. Later, Stoddard relinquished title to the land as a timber claim, and took it up as a mining claim. When special agents of the general land office declared the property contained no minerals, Stoddard lost title to the claim. Beamish, who took up the claim under the timber and stone act, and later sold it to Stoddard, was the means of bringing the action against Stoddard acting as the complaining witness. When convicted, Stoddard filed motion for a new trial on the advice of Judge Ballinger. By a peculiar chain of circumstances, the case did not come to trial for the second time. Stoddard finally decided to submit to the fine and appeared in court today.

that which is removed from other headings. Built Tunnels in Russia. Mr. Gerdetz, the supervising engineer, built tunnels for the Russian government along the East Siberian railroad before coming to Portland. He constructed five tunnels through the mountains in six months less than contract time during the war with Japan, and thus won much appreciation from the Russian government. He also helped build the big tunnel through the Alps. His varied experience has given him a speaking knowledge of seven languages. He came to this country intending to work on the Panama canal, but found the climate so unhealthy that he came to Portland, where he says the climate is ideal.

HARRY B. ROGERS IS CAUGHT IN OHIO

(Continued From Page One.)

Portland and prosecuted on the charge of embezzlement. Rogers is only 28 years old, married and has one child. He was of a very quiet disposition while in Portland, was not known to have any bad habits and was believed to be living happily with his family. However, after he absconded it developed that he was infatuated with a Denver girl and had made arrangements to join her in the east after his flight from this city. This all came to light from returned and intercepted letters of hers addressed to him in care of the S. & S. Co.

Old Employs of Company. Rogers formerly lived in Kansas City, Denver and Salt Lake and was employed in the offices of large meat packing establishments in those cities. His father is a resident of the city today. His mother lives in Los Angeles. Both are said to be well to do, but they refused to come to the rescue of the son when notified of his shortage a year ago.

The local representatives of the Fidelity & Deposit company are pleased with the capture, as unusual efforts had been put forth to run him down. Circulars containing the fugitive's picture and description had been sent to the police department of every city in the country and it was only a question of time until some one would pick him up.

GRUTZE HAS SERVED CITY TWENTY YEARS

Chief Deputy Auditor Sigel Grutze is celebrating his 20th anniversary as an employe of the city today. The celebration is not being featured by any departure from the daily routine. The same old array of figures and official acts and resolutions of the city council, the city executive board and the various other boards and committees of the city government is confronting the most energetic of all the city employes.

Mr. Grutze spoke of his long term of service very casually this morning. "But," he explained, "if all the work that I have done in the last 20 years were piled up before me and had to be done over again I would surely have a nightmare."

MOTHERS TO MEET FOR BENEFIT OF TOTS

The program for the mothers and teachers' meeting at the Sellwood school, Wednesday afternoon, January 18, at 3 o'clock has been arranged. The first part of the program will be made up of songs by a chorus of 12 school girls, led by Dr. John J. Sellwood. The second part of the program will consist of original songs and an address by "Mother" Florence Roberts of California, on "The Ounce of Prevention, or the Pailful and Profitable Rescuing Children." The meeting will be open to all mothers and teachers.

LONG-WED COUPLE WOULD SEPARATE

Court Gives Opportunity to Settle Disputed Property Rights.

To give the warring husband and wife an eleventh hour opportunity to settle their financial troubles, Circuit Judge Gates this morning continued the divorce case of Luella C. Parrish against Edward C. Parrish until afternoon. If an agreement can be reached in money matters there will be little difficulty over the divorce, as both sides are willing.

The case is an old one, the history running back to a former trial in Linn county. Parrish and his wife, married in 1877, at Albany, lived for years on a farm near that town, and their troubles were aimed in a suit for divorce in their home county about three years ago. Mrs. Parrish, among other things charged her husband with calling her vile names, pinching and beating her, keeping an insane sister for her to care for, and with driving her from the farm, sending her away with instructions to the driver to insure her departure.

Charges and Countercharges. Parrish, on his part, charges his wife with writing love letters to G. A. Patterson of Portland, and of going to places of entertainment with him. He says she threw water in the face of his sister and vilified her. He charges that she once accompanied a Chinaman to the banks of the Santiam river and watched the Chinaman swim, minus clothes, until J. R. Douglas, the owner of the premises, ordered them away. He also says that she struck him with a stick and broke his fine teeth.

Mrs. Parrish explains the Chinaman incident by saying that the oriental was a 9-year-old, whom they had taken into the family. She says she did not watch him swim, but that Douglas ordered the Chinaman and their own boy away, the two boys having gone down to the river to swim. Each side charges the other with desertion. Mrs. Parrish is said to want \$10,000 as a settlement from her husband. In her complaint she asks for one third of his real estate and \$50 per month.

DRIFTS STALL THREE TRAINS ON MOUNTAIN

(Continued From Page One.)

short of food and that the fuel may soon become exhausted. No. 5 is heavily loaded with passengers. The bulky of Portland's eastern mail is carried on the fast mail from Chicago.

WASHOUT PROSTRATES TRAFFIC ON O. R. & N. OUT OF WALLA WALLA

(Special Dispatch to The Journal.) Walla Walla, Wash., Jan. 18.—O. R. & N. train No. 68, running from Walla Walla to Dayton, was in the ditch at Hadley, 10 miles from here, as a result of running into a washout. No one was injured. The cars left the tracks when the roadbed gave way. Train No. 8, from Pendleton to Spokane, is tied up here and No. 7 from Spokane to Pendleton will be held at Prescott. Heavy winds and warm rain have melted the snow throughout the valley and the water in all streams is rising rapidly. It is reported here that the O. R. & N. track on the Snake river from Riparia to Wallula, is out of commission. It is said two trains are tied up on that line.

Buildings Fall in Yamhill.

(Special Dispatch to The Journal.) McMinnville, Or., Jan. 18.—The hardest wind storm that has struck Yamhill county was experienced last night. The wind blew a gale and is continuing today. Several old buildings have fallen.

Eccentric Millionaire Dies.

(United Press Leased Wire.) Chicago, Jan. 18.—John Farnon, an eccentric millionaire banker of this city, died here today of heart disease. Farnon was noted for his peculiarity of dress and on several occasions initiated the fashions of dress affected by Mark Twain. He frequently followed Twain's example in wearing a white dress suit.

How to Stop Drinking

It was formerly customary for the habitual drinker to take the pledge regularly, sometimes once a year, and sometimes in every fit of remorse that followed his debauches, and then—"Break it."

Now it is gradually dawning on the world that pledges do not stop drunkenness. The nervous system of the habitual drinker is diseased and he must have treatment that will cure his condition. Orlin is sold under a positive guarantee to cure the drink habit or the money will be refunded. Can be given secretly.

Write for free booklet on the Cure of Alcoholism to The Orlin Co., 723 Oregon bldg., Washington, D. C. Mailed sealed. Orlin costs but \$1 per box. Sold by Woodward, Clarke & Co., distributors, 238 Washington street, 125-127 Fourth street.

Foster & Kleiser Signs

DAVID WARFIELD SWAYS AUDIENCE

His Wonderful Acting Brings Tears to Men as Well as Women.

By E. I. Portland seized upon David Warfield and "The Music Master" last night with an enthusiasm the like of which has never been equalled in a Portland theatre. And not without reason—many, many years have passed since it has been our privilege to enjoy such a revelation of wondrous interpretation.

The immense laughing and crying audience was enchanted with the charming sentiment and warm humanity of the story. However, the play is merely incidental. It is the subtle, genuine and super-artistic touch of Warfield that scores.

Warfield the Attraction. Without the Warfield personality, Charles Klein's play would be of little moment. Warfield endows the part of Von Barwig with a sweetness and beauty that bewitches. His audiences are as play in his hands to do with as his fancy dictates. He played last night as he always plays—with a simplicity of art, a facility of expression, a depth of pathos, a richness of humor, and a vital, an ingenueness that swept everything before him. The homely sincerity, the sadness of his smile, and the twitching of his wonderfully expressive lips bring tears not only to the eyes of women, but compel the most blasé of men to weep.

To hear him say, "I am honored," has in its simple modulation of tone a sweep of meaning such as is carried in a delightful poem or the sweetness we give to the lost chord in our efforts to recall it. As he turns from the quiet fervor of the music lesson, in the second act, into the furious rage that consumes him upon meeting his betrayer, then as he effaces himself, his feelings and his claims when his daughter's future is at stake, and in the desperation that follows, he carries his audience with him through the processes of intensity with wonderful success.

Others in Cast Clever.

Such splendid actors and actresses as Mr. Belasco always provides, illuminate both the text and portraiture of the play. Augusto Aramfil, Francis Gaillard and Bernhardt Niemeyer, as the musicians of the Cafe Liberty, are character studies of exceptional merit. Thomas H. Wilson, as the manager of the Belasco always provides, illuminate both the text and portraiture of the play. Augusto Aramfil, Francis Gaillard and Bernhardt Niemeyer, as the musicians of the Cafe Liberty, are character studies of exceptional merit. Thomas H. Wilson, as the manager of the Belasco always provides, illuminate both the text and portraiture of the play. Augusto Aramfil, Francis Gaillard and Bernhardt Niemeyer, as the musicians of the Cafe Liberty, are character studies of exceptional merit.

WOMAN WOULD HAVE HER PROPERTY BACK

Alleging that property she was shown by the agent when she went to inspect it and the property that was actually hers had no incumbrance on it, the property she received does not appear to be \$533 due on the property, and the street cannot be opened except by paying undetermined damages.

The defendant in the case is J. Louise Shafer, but the agent through whom the misrepresentation is alleged to have been made is G. E. Walling. The plaintiff asks the court to compel Shafer to return her property. She tenders into court the deed she received. She wants to quit where she began.

Texas Family Poisoned.

(United Press Leased Wire.) Dallas, Texas.—Believing that an attempt to poison a whole family has been made, the authorities are investigating the death of J. A. Alexander, a wealthy farmer, who lived near Dallas. Alexander and three members of his family were poisoned by drinking coffee. Alexander died suddenly and the other victims are believed to be dying. The theory of the police is that they were poisoned by some one anxious to get their estate.

Naval Militia Maneuvers.

Washington, Jan. 18.—The annual summer maneuvers of the California naval militia will take place July 17 to 24, according to official orders issued today by Assistant Secretary of the Navy Winthrop. The majority of the militiamen will embark on the cruiser Marblehead for a week's cruise. The men not accommodated on this ship will be detailed to the vessels of the Pacific fleet. There will be no target practice this year.

DEADLOCK OVER DIRECT PRIMARY

(United Press Leased Wire.) Springfield, Ill., Jan. 18.—With a deadlock in the state senate and every indication of one in the house, it appears the direct primary bill before the legislature will be defeated. The senate today became deadlocked. Acting adjourned to give the house time to come to a decision this afternoon. It is considered likely that the house also will deadlock.

Should no solution of the difficulty present itself, it is thought the Shurtzoff bill will be substituted. This bill permits the voters to name county and city candidates, but provides for the election of delegates to select state and congressional candidates.

TARPLEY SAYS MONEY ASKED TO CREATE RESERVE

(Continued From Page One.)

He objected to this on the ground that its introduction was in violation of the constitutional amendment which provided that a defendant on trial was entitled to be confronted with witnesses against him. The evidence was also inadmissible. Mr. Worthington contended, because the Mays statements were not made in the presence of Herrmann.

Ormsby Shows Letter.

In testifying, Tarpley said that Merritt Ormsby, in S. B. Ormsby's office, had shown him the letter of instructions from Herrmann to Ormsby, regarding the creation of the reserve. Acting on this information, Tarpley said he had made a rough map, had gone to the land office, found that there were about 23,000 acres of school lands in the vicinity of the Blue Mountain reserve, as proposed, and then hunted up McKinley.

Both of them then commenced to buy school lands inside the supposed boundaries of the proposed reserve. McKinley got \$4900 from F. A. Hyde and went to Salem to buy land. They were to give Hyde half of the lands secured, and keep half, giving young Merritt Ormsby one-eighth of their portion. The witness said he and McKinley had blank applications and blank assignments.

Bring Johnson in Case.

There was a fellow named Johnson in Portland who was well acquainted, who would be given \$20 and told to get a certain number of men. These men would be taken to Blazer's or Erickson's, would meet Tarpley or McKinley, sign the applications and assignments, and be given \$1 each for the signatures. Tarpley and McKinley would then fill in the applications and file them in the state land office. Afterward the assignments would be filled in to match the applications and assignments, and transferred to themselves, or Hyde, or Ormsby.

The witness said he had known George Sorenson for 10 or 12 years, and that he had met Sorenson in the hall of the statehouse. Sorenson had asked him what he was doing and Tarpley had replied that he was buying school land in eastern Oregon. Sorenson was disappointed and asked how Tarpley had found out about the proposed reserve.

Mad Applications With Him.

Sorenson had applications with him, and bought the rest of the vacant lands. Tarpley and McKinley, the witness said, had intended to buy the whole lot of 23,000 acres. In May, 1902, about a month afterwards, Sorenson had told the witness that Mays wanted to see him. He and McKinley had gone to Mays' office. Mays had told him that he had intended to buy the lands Tarpley and McKinley had got. Mays had demanded one half of the Tarpley-McKinley lands, saying that he needed the lands to pay for the expense of creating the reserve.

Mays Makes List of Land.

Afterwards he had met Mays, after the lands had been withdrawn, at his office. Mays had made a list of the lands he wanted Tarpley and McKinley to give up. Mays again demanded half the lands, threatening to cut the Tarpley lands out of the reserve unless his demand was met. Tarpley had offered him 50 cents an acre, and Mays had replied that this would not begin to pay the people in Washington.

Tarpley told Mays that he was demanding about 8000 acres, worth about \$5.50 an acre, or about \$40,000 in all. Tarpley had told Mays that this was too big a sum for himself and McKinley to pay, and he refused the demand. At the afternoon session Mr. Cattenach went into the history of the senatorial fight of 1901, at which John H. Mitchell was elected United States senator. The testimony was put in over the objection of Colonel Worthington, who contended that it was not material, and was time-consuming.

On cross examination the witness said he had aided in making up, and circulating, the protests against the creation of the Blue Mountain reserve. He had not known of the visit of Ormsby, but had talked with Langille about the reserve, when the latter came through, making his investigation.

C. A. Johns on Stand.

C. A. Johns of Baker City, testified

that he was one of a committee that came to Portland in October, 1902, to confer with Senator Mitchell, just before he left for Washington, to induce him to have the withdrawal order rescinded.

Harry C. Robertson, former secretary to the late Senator Mitchell, was the next witness. He identified a letter written by Senator Mitchell to Cattenach assuring him of an opportunity to be heard on the reserve creation, and also a letter written by Mitchell to Mays, inclosing the letter from Cattenach to Mitchell, and his answer, advising Mays of the protests being made and asking that the letters be considered confidential. The letter to Mays said the information and promise given to Cattenach was "all he could do," and that he was conferring with Mays because he thought the information would be of assistance to Mays in the reserve matter.

Mays as Mitchell's Guest.

Mays was in Washington, D. C., during latter part of April, 1902, as the guest of Senator Mitchell, the witness said, and Mays and Mitchell discussed the Blue Mountain reserve. They were discussing an appointment with Herrmann for the next day. Mitchell was to make an appointment for Herrmann

to meet Mitchell and Mays the following day in reference to the creation of the Blue Mountain reserve.

The witness identified a letter written by Senator Mitchell to Mays, January 31, 1902, which was confidential, promising to aid in the creation of the reserve, and to include the Wagon Road Grant lands in the reserve. On the same day Mitchell wrote a letter to H. A. Smith, promising aid in creating the reserve. Robertson also identified a number of other letters sent to Mays in regard to the forest reserve, showing the activity of the senator in working for the creation of the reserve.

A letter written to Herrmann by Mitchell asking for a map of the reserve, together with a statement of the lands withdrawn and the probable boundaries of the reserve, was identified by the witness.

On cross examination, Robertson said he had heard Mays and Mitchell talk about a case Mays had to argue before the land department, and that the Herrmann appointment had to do with the case as well as with the Blue Mountain reserve.

Answering Mr. Heney, the witness said the social and political relations between Herrmann and Mitchell were friendly on the surface, but not always so underneath.



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Kodol digests every particle of food, promotes assimilation, and thus tends to make the entire body healthy and strong. Kodol promotes general good health throughout the entire system. It is a mighty good thing for you to know how good Kodol is—whether you ever have dyspepsia or not. And you may have it some day—almost every one does. Then Kodol comes in very handy. And there isn't any secret, remember, about why Kodol is such a good digestant—Every tablespoonful will digest 2 1/2 pounds of any kind of food.

Our Guarantee. Get a dollar bottle of Kodol. If you are not benefited—the drugist will at once return your money. Don't hesitate; any drugist will sell you Kodol on these terms. The dollar bottle contains 2 1/2 times as much as the 50c bottle. Kodol is prepared in the laboratories of E. C. De Witt & Co., Chicago.

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