

VELOCITY OF BIG SHELLS

Geometer Uses Problem of How Long Time is Required for Stone to Fall to Center of Earth.

Studying the velocity of shells and bullets fired in the war led Maurice Sauger, a French geometer, to turn to the old question of the time it would take a stone to fall to the center of the earth. His conclusion was that it would take about 20 minutes 34 seconds.

Gassendi, who gave the subject much thought in the last century, made the time 20 minutes even. Merseana on the other hand contended that six hours would be required.

Sauger says that as the stone approached the center of the earth it would be drawn downward by the core of the earth and upward by the shell which it had already penetrated. The rate at which the density of the earth varies or increases as we penetrate to greater depths is unknown. Sauger's formula is based upon considerations of the moment of inertia of the earth, as calculated from the precession of the equinoxes, which agree with observations on the density of the earth conducted in mine shafts.

If a shaft were driven right through the earth the stone would appear at the Antipodes after 38 minutes 30 seconds and then return to its starting point, at which it would make its reappearance at the end of 1 hour 17 minutes.

Speed of New Telegraph.

Within the past few weeks a seven-league stride has been made in high-speed telegraphy, says the Popular Mechanics Magazine. An apparatus which in actual tests has proved its ability to transmit over a single grounded wire 6,000 words a minute has been evolved.

The real significance of this escapes one until it is realized that 6,000 words set in type will fill seven and one-half standard magazine pages.

Details of what appears to be an epoch-making achievement must be withheld for military reasons. It is a war invention and has for its chief purpose the liberation of hundreds of expert operators for the signal corps without disorganizing our much-needed commercial lines. No secret is divulged, however, when the apparatus is described as a printing telegraph system depending upon a universally used recording instrument that has never before been associated with telegraphy. The system is applicable to wireless, but so far has not been actually used in connection with it.

GENERAL PERSHING MODEST MAN

"All that General Pershing wants now is the success of the American boys in France, and to avoid, so far as possible, any glory for himself," declared James F. Pershing, brother of America's leader in the field, in an address delivered in Portland recently in behalf of the United War Work drive, which opens November 11. The speaker paid a tribute to the men in the ranks, and gave his audience an idea of the high esteem in which the boys are held by their commander. He showed the importance of war work in this country as an imperative necessity to the victory of the Allies in the battles for Democracy, and urged that no diminution in speed be allowed to result through recent peace proposals. Unqualified indorsement of the United War Work drive was voiced by Mr. Pershing who is one of the leading authorities on conditions now existing along the battlefront, and he was especially desirous that there be no relaxation of efforts in behalf of the several war work funds.

AS IT APPEARS OF RECORD

To the Voters of Harney County:

My attention having been called to an article appearing in a recent issue of the Tribune, a paper published in Burns, over the signature of A. K. Richardson, in which is set forth certain items of expense of the Sheriff's office, and which according to Mr. Richardson would not have been necessary under his administration.

It is not my intention or desire to enter into a newspaper discussion of my administration of the Sheriff's office, nor to detract in any manner from a clean and fair campaign by Mr. Richardson, who seeks the suffrage of the voters at the coming election. Nor would I accuse Mr. Richardson of trying to influence the voters by misrepresenting the facts; however as the article referred to is misleading and it would appear that these items of expense were incurred during a period of two months, in fairness to myself and the voters of Harney County I beg to submit the facts as shown by the bills and records, which were no doubt overlooked in the article referred to.

W. A. Goodman, traveling expenses \$ 15.60
Paid to sheriff of Deschutes County for apprehension of criminals.
M. A. Biggs, auto hire for Sheriff's office 20.00
Covering a trip by Deputy Randall, all night to prevent a reported assault, while I was on official business in the southern part of the county.

John P. McGuire, repair of Sheriff's car 21.00
Repairs as per bill dated May 17th.
Roy C. Moulton, repairs and supplies Sheriff's car 54.93
Repairs and supplies as per bill from June 25th.

Lampshire's Garage, repairs and supplies for Sheriff 267.72
Repairs and supplies as per bill from March 2nd.
John P. McGuire, repairing Sheriff's car 142.20
Use of car from June 17th to July 27th 948 miles @ 15 while Sheriff's car was being repaired, at Lampshire's Garage.

W. A. Goodman, traveling expenses 137.12
Covering two trips to Portland and return with prisoners.

W. A. Goodman, traveling expenses 90.25
July 10, locating stolen horses \$24.75
July 28, expense as Brand Inspector, locating stolen cattle and investigating certain brands \$65.50

In submitting the above it is only with the idea of stating the facts that the public may then judge whether or not the article referred to was in accord with the facts.

Respectfully,
W. A. GOODMAN.

It is stated that at the beginning of the war the women of America were carrying about 30,000 tons of steel in their corsets. Could this be characterized as a corset waste?

Some of the local news in this issue was written before the raising of the quarantine and therefore will not conform strictly to conditions today but we haven't time to look them up and change them.

Best Big Sister.

The Y. W. C. A. is known as "The Best Big Sister in the World." Of the \$170,500,000 to be raised in the United War Work Campaign \$15,000,000 will go to the work of this organization.

Hospitality to the fighting man and to his visiting friends, is the motto of the War Community Service, a mighty necessary thing.

How a Salesman Suffered.

R. J. Porter, Sterling, Col., writes: "I suffered with a painful, weak back. As a traveling salesman I had to stoop frequently to pick up my grips, and the pain when I straightened up was awful. I was induced to try Foley Kidney Pills. Relief was immediate. Say, they are great." Prompt and tonic.—Sold by Reed Bros.

NOTICE

DEPARTMENT OF THE INTERIOR
United States Indian Service.

Klamath Agency, Oregon.

Oct. 25, 1918.

Proposals will be received at the office of the above named Agency until 2 o'clock P. M., November 15, 1918, for the furnishing of horses, mares and breeding cattle, hogs and sheep. Said stock is to be purchased for the Klamath Indians on the Klamath Reservation, State of Oregon. The right is reserved to reject any and all bids, to accept any part and reject the other and to waive technical defects as the interests of the Service may require.

There will be purchased as follows:

CATTLE

2 and 3 year old Heifers, approximately 1000 to 1200 head.

1 to 2 year old Heifers, approximately 200 to 400 head.

Milch cows not over 4 years old, approximately 5 head.

SHEEP

Good young Breeding Ewes, approximately 250 head.

HOGS

Brood Sows, 2.
Pigs, approximately 20 head.

HORSES

Geldings, weight 1100 to 1300, 5 to 7 years old, 3 spans.

Geldings, weight 1300 to 1500, 5 to 7 years old, 46 span.

Mares, Good brood and work stock 1200 to 1500 pounds, 5 to 7 years old 6 spans.

No member of Congress, (35 Stat. L. 1109) agent or employee of the United States Government, (18 Stat. L. 177) shall have any interest, direct or indirect, in the furnishing of said stock.

Any person, persons, or corporation desiring to bid on any or all of the above mentioned stock, will be furnished information on application to the Superintendent of the Klamath Indian School, Klamath Agency, Oregon.

A. CATOS SELIS,

Commissioner of Indian Affairs.

J. H. NORRIS,
Special Supervisor & S. D. A.

Klamath Agency, Ore.

NOTICE OF GUARDIAN'S SALE OF REAL PROPERTY

Notice is hereby give that by virtue of an order of sale duly made and entered in the County Court of County, on the 19th day of October, the State of Oregon, for Harney County, on the 19th day of October, 1918, licensing, empowering and directing the undersigned, guardian of the persons and estates of Grant Struck, Alice Struck, Fannie Struck and Thomas Struck, minors, to sell the real property belonging to said minors, I will, from and after the 30th day of November, 1918, proceed to sell at private sale the following described real property, to wit:

The east half of the northeast quarter of section nine (9), in township twenty-three (23) south of range thirty-one (31), east of the Willamette Meridian, in Harney County, Oregon, containing eighty (80) acres, more or less, together with all water and water rights appurtenant thereto.

The terms of sale are: purchaser to assume and pay the mortgage of \$2000.00 now against said real property and make payment in cash of at least the further sum of \$2000.00, balance of purchase price to be paid on or before five years with interest at 6 per cent per annum, secured by second mortgage on said land, or such other terms as said guardian may deem to be the best interest of said minors. Bids for the purchase of said real property may be submitted to and left with my attorney J. S. Cook, of Burns, Oregon.

ZEPHA STRUCK, Guardian.

Born—Monday, Oct. 28, to Mr. and Mrs. Harold Johansen, a son. The mother and son were both reported fine at the home of the grandparents, Mr. and Mrs. George L. Buchanan. George told us of the arrival over the phone last night and seemed to be pretty well swelled up about having a grandson.

SPOKANE WOMAN GAINED 40 POUNDS

Electrical treatment and everything else failed to help her—Tanlac Restores Her

"There that is what I have been looking for the past six months now for my sister," said Mrs. Vi Legault, who resides at 221 1/2 Post street, Spokane, Wash. pointing to the big Tanlac display in Murgittroyd's Drug Store, recently.

"My sister's health has broken down," Mrs. Legault continued, "and I firmly believe Tanlac will fix her up as it did me three years ago."

"Before I took it I was suffering from a complication of ailments which had resulted in nervous prostration. My troubles all started from a bad stomach and I was in a pitiable condition. Everything I ate would sour causing me such awful pains in the pit of my stomach that I could hardly stand it. My nerves were in a bad shape, I was badly constipated and even now I hate to think of the terrible headaches I had. I also suffered from weakness and pains in my right side, which was the worst kind of torture. Electrical treatment and everything else was tried on me, except an operation, which I refused to stand for, but nothing did me any good. I had always weighed around one hundred and forty eight pounds, but my suffering pulled me down to one hundred and twelve, and I was scarcely more than a frame. I really had no desire to live as my case seemed to be hopeless.

"Well some wonderful things happen in this world, and my recovery is one of them. I picked up a paper one day in Detroit, Michigan, where I was living at the time, and read a Tanlac testimonial given by a lady who lived but a short distance from me, and right then I decided to try Tanlac. The results I obtained are nothing less than remarkable. My appetite soon came back, my stomach got so I could eat and digest my food and every one of my troubles gradually left, and the first thing I knew I had regained my lost weight and strength. After using five bottles of Tanlac I found that I had gone up to one hundred and fifty-two pounds—actually gained forty-two pounds—making several pounds more than I had ever weighed before and although it has been nearly three years now since Tanlac restored me I have never been bothered with any of my old troubles to this good day, and I have held my weight, always weighing around one hundred and fifty pounds. So you can see why I have been so anxious to find Tanlac for my sister. I am going to let her know right away where she can get it. I am glad to give this statement, for the best way I know to pay the debt of gratitude I owe Tanlac is to tell others how it has made life worth living for me."

Tanlac is sold in Burns by Reed Bros. and at Crane by Vale Trading Co.

LIVE STOCK WANTED FOR INDIAN RESERVE

The Times-Herald calls the attention of our stockmen to an advertisement found in this issue where-in stock are wanted for the Indians on the Klamath reservation. In addition to the number asked for in this ad. The Times-Herald is informed there is an additional number to be bought between now and the last day of June, next, and it is hoped they may be supplied from local dealers at reasonable figures. In all an appropriation of \$400,000 is to be expended during the period named, mostly for live stock.

RESOLUTIONS

Whereas, the women of the Ladies Library Club feel in the death of Mrs. Evelyn Lane Walker we have sustained a personal loss, Therefore be it

Resolved, That it is but a just tribute to her memory that we express our sorrow at the removal from our midst of one who by her achievements commanded our profound respect and admiration.

Resolved, that these resolutions be placed upon the records of the Club and a copy transmitted to each of the newspapers also to the relatives of the deceased.

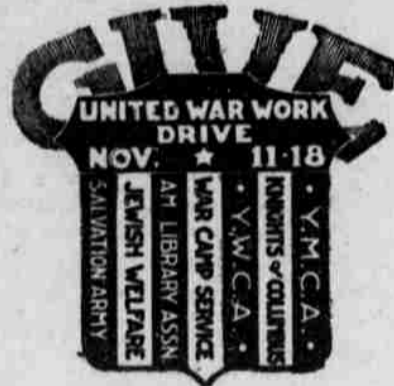
LUNABURG, DALTON & CO.

BURNS, OREGON

Established thirty-two years—Need no introduction

Through square dealing have won the confidence of the people and are no longer in the experimental class, but stand among the solid merchants of Eastern Oregon, who deserve the support of all home people

EVERYTHING FOR EVERYBODY



Seven organizations with just one aim—to serve that fighting boy of yours—to be with him from the time he leaves home till he gets back—to back him up and to buck him up—to do for him the very things that you would do if you were there.

It's a big job, that. It takes all that all of us can do, working together shoulder to shoulder, each organization looking after the part of the job that it knows best.

HELP THE UNITED WAR WORK CAMPAIGN

I. S. GEER & CO.

That Fall Suit!

Have it made now during the slack season. We are always busy but more time now than we will have a little later.

Call and See Our Samples and Styles

Williams-Zoglmann
Clothing Company

I'll pay \$50,000.00 for the kaiser's hide

Further: I'll pay from 50c. to \$1 more for coyote and cat hides than any other buyer in Eastern Oregon

Highest Cash Price for Hides and Pelts

If I don't I'll give you the 50c. and you may keep the hides.

L. L. Noonchester, Burns, Ore.

WILLIAM FARRE

Notary Public, Land Office Practice, Fire Insurance and Real Estate.

If you want your hay insured, see him

Office:—Tonawama Building

BURNS OREGON

We Don't Ask You to Come Back!

You will do that without our asking. And you will always find us here, through the war and after it. For we are organized on a wartime basis.

Let us introduce you to the new delicacies which the Food Commissioner has invited you to indulge in without stint.

You save the money. We do the worrying

Farmers Exchange

Burns, Oregon

A. OTTINGER, Proprietor

NATE FRANKLIN, Manager