

Well Drilling — Quick Successful Satisfactory
 DONE WITH A
STAR WELL DRILLING OUTFIT
 FOR PARTICULARS ADDRESS
APPLE LAND & ORCHARD COMPANY
 HOOD RIVER, OREGON
 Office, No. 9 Oak Street Phones, 26 or 2002-A

White :: River :: Flour
Makes Whiter, Lighter Bread
ASK YOUR GROCER

If You Want your lame and interfering horses carefully attended to, come to

The Turf Horseshoeing Shop

First Street, Between Oak and State

Peter Shively, Proprietor

Phone 305M

Hood River, Ore.

GET YOUR MILK
 FROM

The Payson Dairy Supply Co.
MOUNTAIN GLEN FARM

Pure, Wholesome, Healthful, from Cows and Stables that are **SANITARY**.



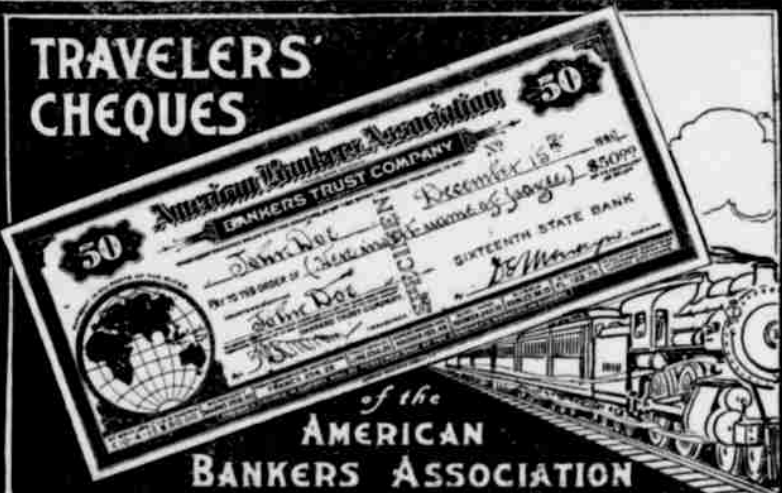
ROSS, RICHARDS & Co.

Confections and Hazelwood Dainties

Complete Line of Bristol Steel Rods and Fishing Tackle just received

Cor. State and 4th Sts. Opposite Opera House

TRAVELERS' CHEQUES



All the great Railroads, Steamship Lines, Hotels, Etc., of the world honor and accept the "A. B. A." TRAVELERS' CHEQUES. Very easy to negotiate, because self-identifying. Not available to finder or thief, in case of loss or theft. Convenient denominations.

Take them on your trip.

Butler Banking Co.

Mr. HORACE C. DEITZ purchased of the Town-site Company and Mrs. Nina Savage Lots 8, 9, 18 and 19, Block 30, Hood River Proper, an ideal homesite just east of the Catholic Church. Mr. Deitz will build at once.

THIS IS ANOTHER indication of the recent activity in Heights property, which we believe is in direct line for a strong advance. Hood River City Property affords a substantial investment with a good future.

We have listed the most desirable residence and business property in the city and it can be had on very easy terms—a small initial payment and the balance on the installment plan.

John Leland Henderson, Inc.

TESTING OF FOOD VALUES.

Scientific Experiments to Determine Energy Producing Force.

CEREALS, MEATS, ETC., USED.

Tests Conducted by Department of Agriculture on Human Subjects in a Respiration Calorimeter — Results Applicable to Cost of Living.

Just as the mechanical engineer finds it important to determine the energy producing value of the different kinds of coal for engines, so the department of agriculture at Washington has concluded it will be worth while to find out what kinds of food are the most valuable to the human system.

Does a pound of roast beef produce more energy than a pound of nuts or an equal amount of cabbage? Is it better to partake of lard or beef suet than butter? How much are fruits worth when it comes to producing force enough to enable a man to swing a pick all day or throw a sledge? If one had to make up a ration for a set of men—an army ration, for instance—just how would one go about to obtain a food allowance that would give the person using it enough energy to enable him to perform the work expected of him?

Food Expert in Charge.

Of these and similar questions the office of experiment stations of the department of agriculture is conducting a most interesting and probably valuable series of experiments. Dr. C. F. Langworthy is in charge. He is an expert on the subject of food values and is delving deeply into this problem, one that promises to become more and more important as the cost of living increases.

That the data being obtained will be of much value for scientific and practical use there is little or no doubt. The instrument that is being used to experiment on man is a respiration calorimeter. It was used with success in obtaining information on the nutritive value of foods which was utilized in preparing a publication on the use of meats in the home. A million and a quarter copies of this work have been distributed.

The respiration calorimeter consists of an air tight copper chamber 6 by 6 by 7 feet, so arranged that a man may live in it in comfort for periods of a few hours to a number of days or even weeks. The copper chamber is surrounded by a zinc wall and an outer protecting wall and is supplied with a current of fresh air. It is furnished with a bed and other articles for the comfort and convenience of the subject of the experiments.

Subjects For Tests Chosen Often.

Dr. Langworthy does not experiment with a single subject. He has no class, as Dr. Wiley had with his "poison squad," but he changes subjects frequently and experiments with a number. The length of time for which a subject remains in the calorimeter varies. One or more remained in the chamber two weeks. Sometimes a stay of an hour or two is sufficient to obtain the necessary data.

By the method pursued the respiratory products are measured and analyzed as well as the food eaten and the energy given off by the body, which is eventually recovered in the form of heat. With the aid of the factors which can be measured it is possible to study the relative nutritive value of different kinds of food and the relations of various kinds of food to muscular work of varying kind and intensity. In other words, this respiration and heat measurement permits the investigator to determine the value of food for the body just as an engineer finds out what coal is best for his engine.

The nutritive value of cheese as an economical article of diet is being studied. It is also proposed to find out the relative value of butter, lard, beef fat, olive oil and other edible and culinary fats as sources of energy in the body. The food value of cereal products and meat and meat products is being gone into. Other subjects of study relate to the value of fruits and preserves, evaporated fruits and other fruit products, nuts and nut products and vegetables. The respiration calorimeter is essential for the measurement of factors which are at present imperfectly understood.

In Memory of Harriet Beecher Stowe.

A movement has been started at Washington for the appropriate celebration throughout the United States on June 14, 1911, of the one hundredth anniversary of the birth of Harriet Beecher Stowe. In honoring the memory of the author of "Uncle Tom's Cabin" the Beecher and Stowe families have heartily concurred. The negroes of the United States will figure prominently in the celebration.

Flowers For Model Tenements.

An innovation at the opening of the new Bishop Potter model tenements in New York city the other day was that 200 window boxes filled with scarlet geraniums and trailing vines were placed in the many windows of the new house. These boxes were obtained through the New York city branch of the National Plant, Flower and Fruit guild.

REAL ESTATE TRANSFERS FOR WEEK JUST ENDING

Furnished by the Hood River Abstract Company.

Elmer L. Lyons to Miner Barcus 11.2 acres nears Crapper

J. H. Gill to A. C. Staten, lots 16 & 17, block 4 Stranahan's addition

L. T. Bragg to E. C. Mahaney, lot 3 block 2 Waucoma addition

Kate C. Dumble to Melville Foley right of way near town

Melville Foley to Willis Maine, right of way near town

A. W. Phillips to John H. Sutthoff, half interest in 25 acres near Barrett school

J. Adrian Epping & F. R. Brydie to Minneapolis-Hood River Orchard Company 1040 acres near Green Point

Carrie M. Coleman to Frederica Wheeler, 10.45 acres west of town

Frida Hendrick to Frank L. Walt, 3 lots in Cascade Locks

Julia F. Walt to Chas. B. Marine, 80 acres Upper Valley \$8500

E. C. Mahaney to L. T. Bragg, 40 acres southeast of Pine Grove \$1000

Frank Aldrich to Lee A. Ambsbury, 40 acres southeast of Pine Grove \$6000

Warren E. Davenport to Stanley-Smith Lumber Co., 5 acres about 5 miles west of Hood River \$1000

Deafness Cannot be Cured

by local applications, as they cannot reach the diseased portions of the ear. There is only one way to cure deafness, and that is by constitutional remedies. Deafness is caused by an inflamed condition of the mucous lining of the Eustachian tube. When this tube is inflamed you have a rumbling sound or imperfect hearing, and when it is entirely closed deafness is the result, and unless the inflammation can be taken out and this tube restored to its normal condition hearing will be destroyed forever; nine cases out of ten are caused by catarrh, which is nothing but an inflamed condition of the mucous surfaces. We will give One Hundred Dollars for any case of deafness (caused by catarrh) that cannot be cured by Hall's Catarrh Cure. Send for circulars free. F. J. Cheney & Co., Toledo, Ohio. Sold by all druggists, 75c. Take Hall's Family Pills for constipation.

Judge Bradshaw Overrules Motion

In the case of Charles W. Wentz, plaintiff, vs. Hood River county, defendant, Judge Bradshaw has overruled the motion filed by Fred W. Wilson to dismiss for irregularities, and allowed fifteen days for the defendant to file an answer.

Big New Stock

JUST ARRIVED OF

Dry Goods
Shoes and
Furnishings

A good store is a credit to any community. With your help we can make this the best store in the valley. New goods arrive on every train. Laundry basket leaves here every Tuesday. We handle

Everything in the General Merchandise Line, including Feed, Dynamite, Caps and Fuse

WE CAN SAVE YOU MONEY

GET OUR PRICES BEFORE BUYING

R. J. McISAAC & CO.
 The Parkdale Store