

# OUR BUSINESS

is growing steadily, and we are very glad to note your appreciation of our efforts. We wish you to feel that no order of yours is too small to receive our earnest and most careful attention.

## FERGUSON'S

### MUSIC EXCLUSIVELY

IS OUR AIM

In order to dispose of our stationery stock, we are offering our entire line at

### ACTUAL COST NOTE THE FOLLOWING

- Popular copyrights formerly \$1.50 now \$1.10
- Popular copyrights formerly .75 now .55
- Alger, Heuty and Optic " .25 now .20
- 5c tablets at 3 for 10c
- 10c tablet at 2 for 15c
- Fancy box stationery at the same discount.

## DAVIS-JORDAN MUSIC CO.

1316 ADAMS AVENUE LA GRANDE, OREGON

### Drink La Grande made Beer and keep your money at home. JULIUS ROESCH

### YOUR WORK

Is what we want. We don't call on you one week for it and tell you the next we cannot do it for you. We want it now, and all the time. We do not think it necessary at this time to say anything about the class of work we turn out. The fact that we have been in the LAUNDRY business for twelve years in La Grande we think sufficient evidence that our work is satisfactory. Try it. A. B. C. LAUNDRY TELEPHONE MAIN 7



### AN ARRAY OF GOODIES

that will please anyone with a palate—young or old; male or female—is here displayed, not only on special occasions, but every day in the year our shop's open. A taste for candy is not confined to children and women only. Men we all like them.

E. D. SELDER

# ARTESIAN WELL PROSPECTS OF OREGON AND IDAHO

The following report on the artesian water possibilities of Oregon and Idaho has just been issued by the geological survey of the United States government:

Flowing wells can probably be obtained in a number of districts in southeastern Oregon and southwestern Idaho, according to a report issued by the United States geological survey as water-supply paper No. 78. This report, which was prepared by the late Prof. I. C. Russell, is the result of a geological investigation in parts of Canyon and Owyhee counties, Idaho, and of Malheur and Harney counties, Oregon, made with the special object of discovering localities where flowing water can be obtained by drilling wells.

The presence of artesian conditions in an area is frequently inferred by geologists from a study of rock structure. In what is properly termed an artesian basin the layers of rock are bent downward, so as to resemble a pile of shallow plate-shaped dishes placed one within another. One or more of the beds of rock is porous and allows water supplied by rain on its upturned edges to percolate into it. Above and below the water-charged layers are close-textured rocks, like clay, that prevent the escape of water in the bed between them. A number of such structural basins are found in the region studied by Professor Russell.

Confirmation of the supposition that water under pressure exists beneath the surface in any area is found at many places in the occurrence of warm springs—those with a temperature ranging from 60 degrees to 100 degrees F. As the water in artesian basins has descended from the surface, and as the temperature of the earth increases with depth, the deeper the water has penetrated into the rocks the higher will be its temperature.

The increase in the temperature of the earth below a depth of about 50 feet in temperate regions is in general about 1 degree F. for each 60 feet, but there is considerable evidence favoring the conclusion that in southern Idaho and adjacent parts of Oregon the rate if increase is approximately 1 degree F. for each 45 feet in depth.

At the depth of 50 feet the temperature corresponds to the mean annual temperature of the locality chosen, which in this region is approximately 50 degrees F., so that if a spring in this region has a temperature of 65 degrees F., or 15 degrees above the temperature of the stratum of no seasonal variation, it would be safe to conclude that the water rises from a depth of at least 675 feet below that stratum, or 725 feet below the surface. Such a spring would therefore serve as an indication of the depth to which a well should be bored to penetrate the water-charged rock layer.

Professor calls attention to the fact that while warm springs may indicate the presence of a water-charged layer that would supply flowing wells, a hot spring, or one having a temperature of more than 100 degrees, is not so favorable an indication.

Hot springs ordinarily rise from depths so great that even if they come from a well defined water-charged layer, it would be unavailable as a source of supply for most purposes for which artesian water is used, as the expense of drilling to reach it would be unjustifiable.

The report referred to, which may be obtained free of charge by applying to the director of the geological survey at Washington, D. C., contains a discussion of the artesian conditions, illustrated by diagrams, and describes the various basins, whose locations are shown by a sketch map. A detailed account of the wells and springs of the region is given, and suggestions are made in regard to the size of the drill holes, casing of wells, and preservation of well records, the importance of which is too often overlooked.

The necessity for legislation restricting the utilization, or rather the waste of sub-surface waters is also emphasized. Owners should be compelled by law to case every well hole in an artesian basin—that is, to place

an iron casing or tube in the hole, made sufficiently tight to prevent water from rising outside of it.

Such a casing should be put in every well that remains open. The lower end of the casing should be just above the water-bearing bed. This should be done, not only in the interest of the owner himself, but because the escape of water from an artesian basin in excess of the natural overflow means a decrease in pressure on the portions remaining, and consequently a lowering of the artesian head.

In arid regions especially the problem of economically using water and maintaining the artesian head is a matter of public concern. It should also be required by law that every artesian well when not in use should be securely closed, and that every abandoned well in an artesian area should be completely filled with impervious material. An artesian basin is not an inexhaustible reservoir, and every practical means should be employed for its conservation and legitimate use.

### Public Sale.

The undersigned will offer at public sale at the Ed Stringham ranch five miles east of La Grande,

WEDNESDAY, MARCH 11,

commencing at 10 o'clock, a. m., the following described property:

- One Shire stallion, weight 1500; coming 4 years old.
- One bay gelding, weight 1100; coming 4 years old.
- One sorrel gelding, weight 1100 lbs, coming 4 years old.
- One grey mare, weight 1100 lbs, coming 3 years old.
- One grey filly, 2 years old.
- One black filly with foal, from Shetland horse, 4 years old.
- One half-blood Shetland mare, with foal by Shetland.
- Fourteen A No. 1 milch cows, from 2 to 8 years old.
- Two 2-year-old heifers, will be fresh next spring.
- Ten heifer calves.
- One Milwaukee binder, in good repair.
- One Jones mower, in good repair.
- One 16-inch sulky plow, good as new.
- One Hoosier press drill.
- One potato digger.
- One garden plow.
- One wagon and hayrack.
- One disc harrow.
- Two sets double heavy team harness.
- One gentleman's gold-filled watch.
- Other articles too numerous to mention.

### Free Lunch at Noon.

Terms of Sale: \$10.00 or under, cash. Over \$10.00, eight months' time at 8 per cent, with approved security. Three per cent discount for cash.

MRS. E. P. COLLVER, ED STRINGHAM, Auctioneer.

### Notice of Final Settlement.

Notice is hereby given that the undersigned has filed his final account as administrator of the estate of Henry H. Elmer, deceased, and the county judge of Union county, Oregon, has appointed Tuesday, the 7th day of April, 1908, at ten o'clock a. m., at the court house in La Grande, Union county, Oregon, as the time and place for hearing of objections to such final account and the settlement thereof. Dated February 25, 1908.

EDWARD ELMER, Administrator of the Estate of Henry H. Elmer, Deceased. d Feb 26-4-11-18-25-a1

For Circuit Judge. Attorney L. J. Davis of Union, has announced his intention of becoming a candidate for the republican nomination for circuit judge of this district.

### IN A HURRY? THEN CALL



THE TRANSFER MAN He will take that trunk to the Depot or your home in less time than it takes to tell it. Day phone Red 761 Night " Black 1792 Wagon always secure service

## We Want Your Wants Our Want Ad Column

Your want is placed before a thousand or more want-seekers every day—Can you afford to spend one cent per word of your want ad, where results are the keynotes?

### FOR RENT.

FOR RENT—Housekeeping rooms. Inquire of Mrs. C. S. Zuber. Phone Red 1781.

FOR RENT—Rooms for light housekeeping. Inquire of Mrs. E. C. Moore, corner 4th and Q Sts.

FOR RENT—Nicely furnished east room; all modern conveniences. Inquire at J. M. Berry's store. 2-21f

FOR RENT—Furnished room with bath and privilege of using piano. Phone Red 1381. 2-12f

FOR RENT—Large store building, with shelving and counters; used a number of years for hardware and furniture. Also housekeeping rooms. 1117 Washington Ave. 2-19-1m

FOR RENT—Building on Fir St., adjoining Ronde Valley house, suitable for store purposes; 9 furnished living rooms upstairs. Phone to Black 461.

FOR RENT—A suite of rooms for light housekeeping. Inquire of Mrs. Edna Swartz.

FOR RENT—Four-room house. Telephone Black 1532. m16

FOR RENT—Well improved 4-acre tract near Palmer mill; 5-room house, good orchard, good land. Inquire of B. F. Wade, Owl saloon. 3-9f

### FOR SALE.

FOR SALE—\$600 buys two choice lots, corner Cedar and Jefferson, one block from Adams Ave. 85x104; young fruit and shade trees. Will be \$750 after March 15. Inquire at Collection Dept., of La Grande National Bank.

FOR SALE—Five-room house, partly furnished; 2 lots, stable and woodshed; 1 block west of White school house. Inquire at 504 K St. 5-2f

FOUND—Ladies' small open-face watch. Owner call at this office.

### WANTED.

WANTED—To trade hay for wood. Stoddard Lumber Co. 2-14f

WANTED—To buy six or eight Plymouth Rock hens and a rooster. Need not be pure bred. F. J. Wox, Moscham.

WANTED—A six or seven-room modern cottage with small barn. Inquire at this office.

WANTED—Any competent lady desiring work and have a good home with good salary, should inquire of Mrs. J. M. Berry.

WANTED—Boy to strip tobacco. Inquire at factory, 1409 Adams Ave.

LOST—Ladies' handbag containing purse, glasses and pass book. Finder please return to this office.

LOST—In this city, an Elks' tooth with monogram, M. E. G., and engraved with 12-25, '06. Finder leave at the light office.

### HERE TO STAY

Although the present electric light famine has temporarily placed us out of business by any means. When the lights are on again the public will find that we will still be here with the very best electric show in Eastern Oregon. We are taking advantage of the condition of affairs to make many improvements as the public will readily see when we again open to the public.

ELECTRIC THEATRE CO. E. M. Sherwood, Mg

## FOR THE LENTEN SEASON

The following list of seasonable eatables may help you to select your menu during this season, when careful housewives sometimes find it difficult to arrange a satisfactory meal.

Boston Beauty Mackerel; Dainty Brand Cod Fish, two pound bricks; Keg Herring; Boneless Lunch Herring in glass; Norway Mackerel Sardines; French Sardines in oil; Mustard Sardines; Broiled Mackerel.

### CANNED GOODS

Salmon, Lobster, Shrimp, Clams, Oysters, P. S. Stock Clam Chowder.

### CHEESE

Full Cream Cheese, Swiss Cheese, Jersey Cream Cheese, Fine Limberger Cheese, McLaren's Roquefort Cheese.

## THE CITY GROCERY AND BAKERY

E. POLACK, Propr. Phone Main 75



The Kind That is Advertised and

the Kind That Wears

W. H. BOHNENKAMP CO.

HARDWARE, FURNITURE AND CROCKERY