

# MADRAS, OREGON

## THE GATEWAY CITY

### MADRAS

is the business center for the entire Northern Crook County district, and is the first town of importance reached via the O.-W. R. & N. and the Oregon Trunk Railway after the Columbia River is left behind. Since the coming of the railroads its growth has been steady and substantial. It offers to its residents the comforts and facilities of modern civilization—numerous churches, progressive grade and high schools, well-stocked stores and a substantial bank, close communication with the outside world, a city water system affording adequate fire protection and an abundance of pure water for domestic uses, and, soon to be installed, electric lights and power. A flouring mill manufactures a most excellent quality of flour, and numerous warehouses provide marketing and storing facilities for the products of the district.

Madras and vicinity offer exceptional attractions to the homeseeker and the investor. Present values are in keeping with production.

Situated at the Gateway to the vast Oregon interior, in the heart of the most fertile dry farming country in the Northwest, Northern Crook County, whose products have received prize after prize at the Dry Farming Shows

Wherever Madras products have been exhibited they have taken the lion's share of prizes.

They have entered into competition with the best specimens that could be procured from the fields of the most productive dry farms in the west, from localities where dry farming is a much older industry than it is in Northern Crook County. The transformation of this great territory from range to farm is a process that has occupied far less than a decade.

The prize-winning products of Northern Crook County are not limited to grain alone. Under the methods of scientific tillage practiced by the farmer of today, the diversified crops of the American farm are produced in like profusion and quality. Alfalfa, the richest of forage crops, is an important factor in making the farmer's profits, and Corn, Fruit, Potatoes, and Vegetables of all kinds are sure and profitable. Poultry and Live Stock thrive, and animal health ranks high.

CROOK COUNTY WON SWEEPSTAKES AT LETHBRIDGE

### THE MADRAS COMMERCIAL CLUB

will take pleasure in furnishing you with any desired information concerning Madras and the Northern Crook County country from which the prize-winning dry farmed products come

### UNDERGROUND WATER FOR USE ON THE FARM

The United States Geological Survey states in Water Supply Paper 255, entitled "Underground Waters for Farm Use," just reissued, that no appliance, either mechanical or electric, has yet been devised that will detect water in places where plain common sense and close observation will not show its presence just as well. Numerous mechanical devices have been proposed for detecting the presence of underground water, ranging in complexity from water, ranging the simple forked branch of witch hazel, peach, or other tree to more or less elaborate mechanical or electric contrivances. Many of the operators of these devices especially those who use the h me cut forked branch are entirely honest in the belief that the working of the rod is influenced by agencies—usually regarded as electric currents following underground streams of water—that are entirely independent of their own bodies and many people have implicit faith in their own and others' ability to locate underground water in this way. In experiments with a rod made from a forked branch it seemed to turn downward at certain points independent of the operator's will, but more complete tests showed that this downturning resulted from slight and until watched for unconscious muscular action, the effects of which were communicated through the arms and wrists to the rod. No movement of the rod from causes outside of the body could be detected, and it soon became obvious that the view held by other men of science is correct—that the operation of the "divining rod" is generally due to unconscious movements of the body or of the muscles of the hand.

The experiments made show that these movements occur most frequently at places where the operator's experience has led him to believe that water may be found.

The uselessness of the divining rod is indicated by the facts that it may be worked at will by the operator, that he fails to detect

strong water currents in tunnels and other channels that afford no surface indications of water, and that his locations in limestone regions where water flows in well defined channels are no more successful than those dependent on mere guess. In fact its operators are successful only in regions in which ground water occurs in a definite sheet of porous material or in more or less clayey deposits, such as pebbly clay or clayey deposits, such as pebbly clay or till. In such regions few failures can occur, for wells can get water almost anywhere.

The only advantage of employing a "water witch", as the operator of the divining rods is sometimes called, is that crudely skilled services are thus occasionally obtained, for the men so employed, if endowed with any natural aptitude, become through their experience in locating well shrewd, if sometimes unconscious observers of the occurrence and movements of ground water.

A copy of the report may be obtained free on application to the Director of the Geological Survey, Washington, D. C.

#### Railway Receipts and Expenses

The business of the railways for September, while showing a considerable improvement over that of September 1911, does not maintain the rate of increase set by the record breaking month of August. The total net operating revenue of 90 per cent of the steam railways increased \$5,896,840 for September, while the increase for August was \$13,865,622. This increase in net operating revenue was at the rate of \$21 per mile of line for the month or at the rate of 70 cents per mile of line per day.

The total operating revenues per mile of line for the month increased 6.5 per cent, the operating expenses 7.3 per cent and the net operating revenue 1.5 per cent.

The foregoing statistics are from the summary made by the Bureau of Railway Economics from the reports of the railways to the Interstate Commerce Commission. A special committee of the railways having headquarters in Chicago reports that bills now pending in the Federal Congress providing for an increase in the

number of employee of the railways and for the rapid substitution of steel for wooden equipment will, if enacted, place the railways under an additional expense of approximately \$12,000,000 per annum for the former, and a total expense of \$632,746,000 for the latter purpose. Without compulsion, the railways in the course of three years have increased their steel equipment 750 per cent and their steel underframe equipment 256 per cent.

#### Fits His Case Exactly

"When father was sick about six years ago he read an advertisement of Chamberlain's Stomach and Liver Tablets in the paper that fit his case exactly," writes Miss Margaret Campbell of Fort Smith, Ark. "He purchased a box of them and he has not been sick since. My sister had stomach trouble and was also benefitted by them. Sold by all dealers."

MONEY TO LOAN ON FARMS. See Madras State Bank.

Yes, The Pioneer does Job Printing. Phone us your order.

All successful business men know that it pays to advertise. They can't do without it if they remain in business, and in inserting their ad. in The Pioneer they are sure of good returns. The Pioneer also does artistic job printing at rates as reasonable as Portland shops charge.

#### A Delicate Appetite

An exchange describes a girl who would make the very best man in the community a mighty good, worthy wife.

It says: "The dapper little traveling man glanced at the menu and then at the pretty waitress. 'Nice day, little one,' he began. 'Yes it is, and so was yesterday, she replied, 'and my name is Ella, and I know I'm a peach and have pretty blue eyes and I have been here quite a while, I like the place and I don't think I'm too nice to be working in a hotel; if I did I'd quit my job, and I don't know if there is a show or a dance in town tonight. If there is I shall not go with you. I'm from the country and I'm a respectable girl. My brother is cook in this hotel, weighs 200 pounds and last week wiped the dining room floor with a fresh \$50 a month traveling man who tried to make a date with me. Now what will you have?' The traveling man said that he was not very hungry and a cup of coffee and some cakes would do."

#### Cause and Effect.

"When I was shipwrecked in South America," said Captain Bowsprit, "I came across a tribe of wild women who had no tongues."

"Mercy!" cried one of his listeners of the fair sex. "How could they talk?"

"They couldn't," snapped the old salt.

"That's what made 'em wild."—Judge.

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ACCOUNT

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OREGON TRUNK RY.  
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