

THE BEND BULLETIN.

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New Idea Woman's Magazine

It contains over 100 pages each month of Current Fashions, Economy Articles, Household Advice, Dressmaking and Millinery, Short Stories, etc., beautifully illustrated with half-tone and color plates.

By Special Arrangement with the publishers we make the following exceptional offer to all new subscribers, for the next 30 days only:

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WILL BUY THE C. & E.

Deal About Closed for Purchase of That Road.

SURVEYS RUN THROUGH BEND

Portland Man Who Has Financial Interests in Road, Says Corvallis & Eastern Will Be Extended.

Negotiations are about closed for the purchase of the Corvallis & Eastern railway by the Christian Co-operative Federation. When the purchase is finally completed, definite announcement will soon be made that the Corvallis & Eastern will begin actual construction early next spring from the present terminus of the road at Idanha across the state east to the Snake river. The above is the latest railroad story in a nutshell, as told to The Bulletin this week by a business man from Portland, who, for good reasons, desired that his name should not be mentioned.

This man has money invested in the Christian Co-operative Federation, and he claims to have inside information as to the federation's plans due to his financial connections with the company. He said it was very probable that the deal would be closed within the next week—that negotiations had reached such a stage that they might be closed any day. He also stated that there was no doubt, whatever, but that the extension would be commenced next spring if the deal was finally consummated.

It will be remembered that the Christian Co-operative Federation is a company organized to build and operate railroads, sawmills and various manufacturing concerns, establish towns, develop farms, etc. The territory in which the federation will operate will be the Willamette valley and Central and Eastern Oregon along the line of this proposed railroad extension. It is claimed that the plans under which it will operate will tend to solve some of the difficulties now existing between capital and labor. This gentleman stated that the federation was well capitalized and had plenty of funds.

The Corvallis & Eastern is one of the roads that Bend people are banking on to tap this region. In fact, many insist that it will be the first road into Central Oregon. Its surveys across the state are made and run through Bend. The present terminus of the road, at Idanha, is but 60 miles west of Bend.

A Visit from a Pioneer.

Mr. and Mrs. H. Taylor Hill of Portland are in Bend this week to make final proofs on timber claims. Mr. Hill formerly owned a large stock ranch near Prineville and was one of the pioneer settlers of this region. He now owns a farm near Portland and also has a business in East Portland, dividing his time between the two. He and his wife had driven to Bend, bringing with them a supply of apoles from their Portland farm with which they were presenting their friends. They stated that bushels of them were going to waste under the trees.

Speaking of the change of climate in Central Oregon, Mr. Hill said that the climate here was getting much warmer; that a few years ago he had often traveled from Prineville to The Dalles through a foot of snow with the ground frozen solid. Now, during the same time of the year, you would have to travel through mud and rain. This strengthens the contention made by many that as this country is settled and developed the climate will become much warmer.

Russian Thistles at Madras.

Much alarm is felt in the Madras country due to the appearance of the Russian thistle in that locality. Not being sure that the weed suspected was the genuine Russian

thistle, a specimen was sent to Prof. Withycombe at the Corvallis Agricultural college and he announced that it was the genuine Russian pest. There are strenuous laws looking to the eradication of this weed, and they should be strictly enforced.

TO EXHIBIT MOVING PICTURES

The Bend Social Club Secures Attraction for Thursday, Oct. 18.

The Bend Social Club has secured C. E. Freeland to exhibit his moving pictures in the club hall next Thursday evening. Freeland comes well recommended and promises to furnish a pleasant evening's entertainment. There will be the moving pictures, dissolving effects, illustrated songs, etc. Following are a few press notices:

"The C. E. Freeland entertainment was the best of its kind ever seen here."—Tacoma News.

"A treat such as is rarely given in a town the size of Oakdale. For the past week everybody has been talking about it, and 'Hop O' My Thumb' and 'The French Count' seem to receive special praise."—Oakdale Tidings.

Seats are on sale at Nichol's store. Admission, 25 and 50 cents.

Looking for Underground Water.

An investigation of the underground water conditions in southern Oregon is being made by the hydrographic branch of the United States Geological Survey, and a field party is now engaged in the work in central Lake county. A study will be made of the geologic structure of the basalt that occurs in that part of the state in order to determine whether there are any artesian basins from which deep seated waters may be drawn, and an examination will also be made of the surface deposits in the deserts and valleys to ascertain whether underground water is available at such a depth as will make it profitable to pump water for domestic purposes, for the stock, or for irrigation.

The greater portion of this region is now utilized as a stock range, but there are many valleys in which hay is raised or dry farming is practiced, and in these areas agricultural conditions will be much improved if a supply of underground water can be procured for the purpose of irrigation.

As soon as practicable, after the completion of the field work a report will be issued that should be of great value to agriculturists and water users in this region. This report, which will be distributed free will describe the conditions governing the occurrence of underground water and will show the areas in which such water may be obtained.

Big Business at Lakeview Land Office.

There were 140 timber land filings in the Lakeview land district during the month of September. The land officials have been crowded with work, and besides a large amount of official business the office has been overrun with inquiries about land in this district. Thousands of people write to the land office for information, thinking, no doubt, that they are the only ones who have written, and in many cases complain because they do not receive an answer by return mail.—Lakeview Examiner.

Mill Starts Again.

The flouring mill at Madras has resumed operations after being idle for several months. About a year ago, due to some friction between the stockholders, the Madras Milling & Mercantile Company was turned over to the Merchants' Protective Association for the benefit of the creditors. The store and stock of merchandise owned by the company were sold but the mill was retained and after several months delay has again started the grinding of flour. The mill has a capacity of 50 barrels a day.

For Sale.

The Governor Van Sant strawberry plants, the hardest, most vigorous strawberries on earth.

Well rooted plants 75c per 100 or \$5.00 per thousand postpaid.

GEO. W. WIMER & SONS,
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DOUBLES THE YIELD

"Campbell System" Wins over Old Methods.

1600 BUSHELS FROM 40 ACRES

Madras Man Tries Modern Ways of Dry Farming with Very Profitable Results—Used Packer.

Joe Marnach, one of the progressive farmers of the Madras country, had the banner crop of grain in his locality this season, and he secured it as a result of the application of one of the important principles of the "dry farming" methods, that of the sub-surface packing which packs the ground underneath and leaves it loose on top. Off of 40 acres of his ranch four miles southwest of Madras, he secured this year 1,600 bushels of barley, an average of 40 bushels to the acre. The soil on his ranch is no better than that on dozens of other places in that locality, and the big yield must be attributed to the methods of farming employed.

On 40 acres of his land Mr. Marnach followed the plow with a sub-surface packer, while on 80 acres adjoining he did not do so. On the 40 acres packed he secured a crop of 40 bushels to the acre, while on the adjoining land, farmed under the old methods, he secured less than half as much. Consequently the new method, or "Campbell system," netted Mr. Marnach a neat profit. Barley at Madras is worth \$1.00 per bushel. On the land farmed under the old method he obtained less than half as much as by the new method, but figuring it at half the yield of the Campbell method, there is a gain of 800 bushels over the old system. Deducting the cost of the extra work due to the new method, say \$50, there is a profit of \$750 on 40 acres in favor of the "Campbell method"—not a mean profit.

Last year a new farming implement was left in Mr. Marnach's hands by an implement house for trial. It was one of the various kinds of sub-surface packers which have come into use with the Campbell, or dry farming methods of cultivation. It is a machine which packs the soil underneath to a depth of six or seven inches. This thoroughly packs the sub-soil, forming a good storage reservoir for the moisture and at the same time increasing the capillary attraction so that the moisture may later be supplied to the roots of the growing plants from below, as needed. The top of the ground is left loose, soon dries and forms a dust mulch on top, which helps to retain the moisture in the ground by preventing evaporation.

The Campbell method of cultivation is bound to be of great benefit to the arid sections of Oregon. At first thought the man who has water with which to irrigate feels that this method is of no use to him, but when the subsoil is well packed and a dust mulch is kept on the surface it requires much less water to produce crops than it does where this method is not used. Thus, with the duty of water lessened, much more land can be irrigated with the same amount of water.

In the upper Deschutes valley—and even in the Bend country where there are great irrigation works—there are hundreds of acres that can never be watered, due to the topography of the land. Under the Campbell method this land will some day be made very productive. Undoubtedly the yield on the "dry farms" between Bend and Prineville could be greatly increased by an application of the methods taught by Campbell.

Hood River Strawberry Plants for Sale

The Clark Seedling variety that has made Hood River famous; 75c a hundred, \$5 a thousand. Well rooted plants.

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