

"For every man a square deal, no less and no more."

CHARLES D. ROWE, EDITOR

SUBSCRIPTION RATES: One year \$1.00, Six months .60, Three months .35

FRIDAY, NOVEMBER 30, 1906

The petition for a new mail route will be sent into the department the first of December. It should carry many signatures, and undoubtedly will as it is receiving the support of everyone in a scope of country stretching through western Crook county and extending from Heister's to Silver Lake.

Mayor Schmitz of San Francisco has returned from his European jaunt and says that recent charges of graft brought against him are nothing but a political trick—political revenge. Certain Oregon men have said the same thing in regard to matters in which Heney had a hand, but it is strange how a jury of 12 intelligent men invariably uphold Heney when he plays these "political tricks."

J. J. Hill of the Great Northern asks the question, "Are men going to invest their money in railroads as long as railroads are considered outlaws?" He deprecates the present attitude of the nation against the great systems of transportation. There is an efficient and speedy remedy for the present state of the public mind concerning the matters complained of. If the railroads do not relish being considered outlaws, let them conduct their managements more in line with the laws of the country.

Considering the creamery proposition outlined in another column from purely a local standpoint, a creamery at Bend would mean much for Bend merchants. The farmers would haul their milk to the local plant every few days and would do their trading at that time. They would also perform many errands for their neighbors in the way of buying merchandise and taking it out to them. A creamery at Bend would bring much trade to local merchants. Therefore, Bend business men should give their united support to the movement.

The people of Coos Bay are again "seein' things." Last week certain prominent railroad men—supposedly Northwestern or Burlington officials—were there and held conferences with their engineers that extended late into the night. The Harbor now sees a speedy extension of the Northwestern from Wyoming across Idaho and Oregon to Coos Bay. May the Harbor's vision be soon realized. Such an extension would play an important part in the future transportation problem in this vast, rich and rapidly developing inland empire of Central and Eastern Oregon.

The steps that are now being taken to establish a creamery at Bend and put the dairy industry in this region on a paying basis is a move in the right direction. It should receive the support of everyone. Many hundred pounds of butter are yearly shipped into Bend from Portland and other outside places. The revenue that thus goes out of the country should be turned into the local farmers' pockets. With a creamery here this money would remain in the country. Furthermore, with a few cows on every farm, while money from the dairy was coming into the farmers' pocketbooks, the soil of the farm would become enriched. The cow is a much needed animal in the upper Deschutes valley.

Problems That Confront The Irrigator.

Choice of an Irrigation Method.

In choosing the method that is to be used for the application of water, it should be borne in mind that any such choice of method should be made in accordance with several conditions:

(1) The slope of the land. This is obviously a ruling factor, but its relation to the different methods described has already been discussed in connection with each method.

(2) The character of the crop. Small grains and forage crops which are best grown from broadcast sowing are open only to flooding or sprinkling, and the latter is probably out of the question because of cost of outfit and attendance.

(3) The character of the soil. Soils naturally very open or loose, or market-garden soils rendered very loose by the constant and deep working in of coarse manures, favor such rapid percolation that even distribution through the soil mass can be had only by covering the surface rapidly with a uniform sheet of water. Under such conditions, also, flooding and sprinkling are the only practicable alternatives.

(4) The labor requirement. The largest area can be evenly moistened with least labor by the contour check system and by the furrow system. Each is superior to all others in this respect for the conditions of land and crop to which it is adapted.

(5) Ease of cultivation after irrigation. The desirability of stirring the soil surface after irrigation has already been mentioned in discussing methods of applying water. It is a means of checking evaporation and consequent waste of moisture, but it is more than that. The effect of irrigation is to draw the soil particles together, and if it be a soil containing much clay there is compacting followed by cracking as drying proceeds. In the old practice this condition was taken as a demand for more water, and another irrigation was given, which merely aggravated the trouble and plants came to distress. More water was used than necessary for good growth, and still thrift was not secured. The remedy is cultivation as soon after irrigation as the soil is in condition to break readily and become mellow and friable. Except, perhaps, where a mulch is used, cultivation is essential to the best soil condition, and consequently to the most satisfactory growth of the plant. It follows, then, that methods of irrigation which facilitate subsequent cultivation are to be preferred wherever the ground slope and the character of the soil favor them. Of all methods, that of irrigation by furrows between straight rows of considerable length is obviously best for cultivation with horse tools, and is adopted by American growers wherever practicable. The foreign-born grower has a traditional preference for hand work, and is more apt to choose one of the flooding systems even where the furrow method would operate well. The furrow method can be used in a wide range of soils—in fact, as has been said, on all likely to be encountered except coarse, sandy loams, in which water sinks almost as fast as it is admitted to the furrow and makes very little lateral spread. In such soil a plant may suffer severely although it is very close to a furrow. For the distribution of the water evenly and to the upper soil where the shallow-rooting plant can use it, one of the flooding systems must be used, and cultivation must be well done at the earliest arrival of suitable soil condition. Although such a soil is not subject to baking and cracking it becomes "cemented," as the local term is, and then the effect of irrigation is of very short duration.

FARMS, TIMBER LANDS and Town Property

BOUGHT and SOLD. Timber Claims and Homesteads located, surveyed and estimated.

ABSTRACTING

CALL ON OR ADDRESS THE CROOK COUNTY REAL ESTATE CO. PRINEVILLE, OREGON.

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W. J. ROBISON, Proprietor.

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R. D. WICKHAM Attorney - at - Law OFFICE OVER BANK BEND, OREGON

Harness and Shoe Repairing

I have opened a repair shop in the Bend Livery & Transfer Co.'s barn and will carry a full line of harness repairs; also whips, curry combs, brushes, blankets, etc. Bring in your work. Will also continue to repair shoes. FRANK BUTTERWORTH.

J. H. HANER, ABTRACTER of TITLES

NOTARY PUBLIC Fire Insurance, Life Insurance, Surety Bonds, Real Estate, Conveyancing PRINEVILLE, OREGON

NOTICE FOR PUBLICATION.

U. S. Land Office, The Dalles, Oregon, November 3, 1906. Notice is hereby given that in compliance with the provisions of the Act of Congress of June 3, 1905, entitled "An act for the sale of timber lands in the States of California, Oregon, Nevada, and Washington Territory," as extended to all the public land states by act of August 4, 1904, the following named persons have on October 11, 1906 filed in this office their sworn statements, to-wit: Alice C. Wood of Bend, county of Crook, state of Oregon, sworn statement No. 344, for the purchase of the NW 1/4, NE 1/4, NW 1/4 and NE 1/4 of sec. 10, Tp. 17 S., R. 12 E., W. 3 M.

Charles E. Wood of Bend, county of Crook, state of Oregon, sworn statement No. 345, for the purchase of the NW 1/4, NE 1/4, NW 1/4 and NE 1/4 of sec. 10, Tp. 17 S., R. 12 E., W. 3 M.

Mary A. Wood of Bend, county of Crook, state of Oregon, sworn statement No. 346, for the purchase of the NW 1/4, NE 1/4, NW 1/4 and NE 1/4 of sec. 10, Tp. 17 S., R. 12 E., W. 3 M.

That they will offer proofs to show that the lands sought are more valuable for the timber or stone thereon than for agricultural purposes, and to establish their claims to said lands before H. C. Ellis, U. S. Commissioner, at his official place of business at Bend, Crook County, Oregon, on January 10, 1907. They name the following witnesses: Charles E. Wood, Alice C. Wood, Joseph P. Wood, Elmer Nimsonger, Charles M. Weymouth, Mary A. Wood and Samuel A. Gott, all of Bend, Oregon. Any and all persons claiming adversely any of the above-described lands are requested to file their claims in this office on or before the said 10th day of January, 1907. 1914 MICHAEL T. NOLAN, Register.

New Industry for Bend Country. Nelson Bros. have over \$4,000 worth of honey stored in the Vale warehouse for shipment. This honey is contracted at more than 10 cents a pound throughout. We saw a sample of it and it is the very best in grade. We don't want to say one word against the coast honey but the alfalfa honey makes the coast honey look like it had been in the rust for a year.—Vale Oriano.

NOTICE FOR PUBLICATION. U. S. Land Office, The Dalles, Oregon, November 3, 1906.

TO WHOM IT MAY CONCERN: Notice is hereby given that the State of Oregon has filed in this office the following list of lands, to-wit:

Table with columns: Approved Map No., Section, Township, Range, Meridian, Acres, and Amount. Lists various land parcels with their respective details.

and has applied for a patent for said lands under the acts of August 18, 1884 (28 Stat., 374-375), June 11, 1896 (59 Stat., 41), and March 3, 1909 (35 Stat., 1123-1124), relating to the granting of not to exceed a million acres of arid land to each of certain states and that the said list, with its accompanying proofs, is open for the inspection of all persons interested, and the public generally. Within the next sixty days following the date of this notice, protests or contents against the claim of the State to any tract described in the list, on the ground of failure to comply with the law, on the ground of the non-desert character of the land, or on the ground of a prior adverse right, or on the ground that the same is more valuable for mineral than agricultural purposes, will be received and noted for report to the General Land Office, Washington, D. C. MICHAEL T. NOLAN, Register. ANNE M. LANG, Receiver. Land Office at The Dalles, Oregon, November 3, 1906. Notice of the above application will be published in The Bend Bulletin printed at Bend, Oregon, which I hereby designate as the newspaper published nearest the land described in said application. 1914 MICHAEL T. NOLAN, Register. Ask the man who takes The Bend Bulletin if it is newswy.