

Published every Thursday by THE PIONEER PUBLISHING CO. SUBSCRIPTION RATES: One year, \$1.00; Six months, .50; Three months, .25

Entered as second class mailer August 29, 1904, at the Postoffice at Madras, Oregon, under the Act of Congress of March 3, 1879.

THURSDAY August 30, 1906

THE NEW GOLD STRIKE.

There has no doubt been a rich strike of gold made in Lake county, but the extent of it no one can yet say. It may be a rich pocket and play out with depth, and this can only be determined by future prospecting.

Like a snowball rolling down hill, these mining booms gather size and impetus as they go, sweeping all before them. None with the gold fever stop to question any of the wild stories afloat.

J. W. & M. A. Robinson & Company are putting in a private water system at their store, which will afford them good fire protection as well as water supply for all household and store purposes.

Mr. Campbell's knowledge of the conditions to be overcome came through a ripe experience in the droughts and hot winds of the Upper James River Valley in South Dakota, where he began his experiments 23 years ago.

A great plain of almost uniformly level surface; a wonderfully fertile soil; a sub-humid atmosphere giving an average normal rainfall of only 15 or 20 inches; a capricious climate, subject to sharp deviations from the normal; hot and thirsty southerly winds in summer; warm and dry "Chinooks" in winter.

Out of these conditions, and in spite of them, to develop some plan of successful farming without irrigation, might well have daunted anyone but an enthusiast.

The first result of his Yankee "figuring" was this: that an inch of rainfall is about 150 tons of water per acre; that 12 inches of rainfall, if it could be kept in the ground, is amply sufficient to mature a crop of five tons per acre, and hence, that in the driest year of his death, there was more rainfall than the crops needed.

Don P. Rea spent several days in Bend during the week, visiting at the home of W. E. Guerin Jr., who came out with his family from Cleveland, Ohio, to spend the summer months on the Deschutes.

Come and make your selection of a suit of clothes while the stock is all full and you can get the size you want.

Culver school district is making preparations for a dance and ice cream social to be given at the Culver hall Sept. 7, the proceeds to be for the benefit of the district.

Mrs. Lena M. Lamb is building a grain-warehouse on her homestead half a mile southwest of town, for storing grain bought by her.

George Stevens and family went to Prineville this morning for a short visit.

DESERT FARMING WITHOUT IRRIGATION

The Simple, Inexpensive "Campbell" System of Working the Soil That Produces Abundant Crops in Arid Regions - The Story of Its Discovery, Its Methods, Its Results.

The following article by Mr Herbert Quick was published in the August number of World's Work. It is filled with interesting facts about the wonderful Campbell system of dry land farming, the application of which has revolutionized the farming industry in the semi-arid regions of this country.

When the "arid West" is spoken of we are apt to think of the western parts of Kansas, Nebraska and the Dakotas. The eastern portions of these states are admirable farming regions, and the climate shades off into aridity so gradually that no line of demarcation was visible to the myriads of "movers" borne by rapid waves of immigration beyond the limits within which ordinary farming can succeed.

Mr. Campbell's knowledge of the conditions to be overcome came through a ripe experience in the droughts and hot winds of the Upper James River Valley in South Dakota, where he began his experiments 23 years ago.

Out of these conditions, and in spite of them, to develop some plan of successful farming without irrigation, might well have daunted anyone but an enthusiast. The books had laid down the law that severe droughts are to be expected whenever the mean annual rainfall is less than 50 inches, with a mean annual deviation from the normal of more than 12 per cent.

The first result of his Yankee "figuring" was this: that an inch of rainfall is about 150 tons of water per acre; that 12 inches of rainfall, if it could be kept in the ground, is amply sufficient to mature a crop of five tons per acre, and hence, that in the driest year of his death, there was more rainfall than the crops needed.

Don P. Rea spent several days in Bend during the week, visiting at the home of W. E. Guerin Jr., who came out with his family from Cleveland, Ohio, to spend the summer months on the Deschutes.

Come and make your selection of a suit of clothes while the stock is all full and you can get the size you want.

Culver school district is making preparations for a dance and ice cream social to be given at the Culver hall Sept. 7, the proceeds to be for the benefit of the district.

Mrs. Lena M. Lamb is building a grain-warehouse on her homestead half a mile southwest of town, for storing grain bought by her.

George Stevens and family went to Prineville this morning for a short visit.

tell farmers how to accomplish the same results without them. The system consists mainly in deep plowing, sub-surface packing and constant shallow cultivation of the surface. All these are means towards the sole end of retaining moisture within reach of the plant roots and reducing evaporation to a minimum.

Deep plowing, Mr. Campbell says, is necessary to the formation of an ample reservoir for the retention of water. The prairie soils have lain unstirred for centuries, and the passage of water through them has resulted in a sort of a columnar formation.

The subsurface, from the bottom of the plowed ground to within three or four inches of the surface, must be firmly packed, while the surface soil must remain loose and mellow and must be immediately pulverized by the harrow.

The reason that packing is indispensable seems plain. The plow turns clods, stubble, weeds and rubbish under the "slice," forming many cavities. Across these cavities moisture cannot pass by capillarity, but the air chambers increase evaporation.

After the deep plowing and the sub-surface packing, must follow constant shallow surface cultivation. The object of this is twofold: to check evaporation, and to avoid disturbance of the plants' root-bed in which is carried on the work of gathering support for the growth above.

Hauling water is not only expensive but at the time you need it the most you are very busy harvesting and can spare the time the least, and now as harvest is about over if you would dig your cistern and cement it and have it all ready, then haul your water during the winter months while you have the most idle time, then you would have a good supply of water when you are busy.

For Sale. One grain drill, one sulky plow, one pair bob-sleds, one 3 1/2 wide tire wagon with hayrack, two two-year-old mare colts (on range), one Durham cow, one Jersey cow.

For Sale for Cash. Two head work horses, 2 unbroken horses, 1 set double harness, 1 14-inch walking plow, 10 tons of hay.

For Sale. Two Jersey heifers. For particulars apply to J. H. Horney, Madras, Or.

Take out that board from your window and get a pane of glass from Sanford, Sill & Co.

For Rent. Three hundred and sixty acres, located 7 miles east of Madras; 135 acres under cultivation, 250 acres tillable. Will lease for a term of years, or by the year, on shares.

Desert Land, Final Proof. NOTICE FOR PUBLICATION. United States Land Office, The Dalles, Oregon, July 30, 1906.

Notice is hereby given that Gottfried Kamper, of Shoshone, Idaho, has filed notice of intention to make proof on his desert-land claim No. 410, for the nw 1/4 sec 10, tp 9 s, r 14 e, w. m., before the Register and Receiver at The Dalles, Oregon, on the 31st day of August, 1906.

He names the following witnesses to prove the complete irrigation and reclamation of said land: Perry P. Monroe, C. M. McPherson and A. Kamper, all of Shoshone, Oregon, and C. Strasser, of Madras, O. reg.

230-235 Register.

NOTICE FOR PUBLICATION. Department of the Interior, Land Office at The Dalles, Oregon, July 30, 1906.

Notice is hereby given that Daniel Swift of Culver, Oregon, has filed notice of his intention to make a final five-year proof in support of his claim viz:

Homestead entry No 9445, made June 8, 1902, for the se quarter sec 18, tp 12 s, r 13 e, w. m.

He names the following witnesses to prove his continuous residence upon, and cultivation of, the land, viz:

Jesse D. Stearns, F. E. W. Hull, Frank F. Fisen, all of Culver, Oregon; and Frank M. Loveland, of Madras, Oregon.

230 Register.

NOTICE FOR PUBLICATION. (Isolated Tract) Public Land Sale. U. S. Land Office, The Dalles, Or., August 11, 1906.

Notice is hereby given that directed by the Commissioner of the General Land Office, under provisions of the act of Congress approved June 27, 1906, Public No. 303, we will offer at public sale, to the highest bidder, at 10 o'clock a. m., on the 21st day of September next, at this office, the following tract of land, to-wit:

The SE quarter NW quarter of sec 8, tp 13 s, r 13 e, w. m.

Any persons claiming adversely the above-described lands are advised to file their claims, or objections, on or before the day above designated for sale.

230 Register.

Notice for Publication. Department of the Interior, Land Office at The Dalles, Oregon, July 30, 1906.

Notice is hereby given that Walter D. Walker, of Ashwood, Oregon, has filed notice of his intention to make final five-year proof in support of his claim, viz:

Homestead entry No 8075 made March 26, 1900, for the Lot 3, se quarter nw quarter, sw quarter ne quarter and nw quarter sec 5, tp 21 s, r 17 e, w. m.

And that said proof will be made before D. P. Rea, U. S. Commissioner, at his office in Madras, Oregon, on September 4, 1906.

He names the following witnesses to prove his continuous residence upon, and cultivation of, the land, viz:

Edwin Elkins, Chester S. McCorkle, Knox D. Huston, and Robert F. Berryman, all of Ashwood, Oregon.

230 Register.

NOTICE FOR PUBLICATION. Department of the Interior, Land Office at The Dalles, Or., July 30, 1906.

Notice is hereby given that William S. Criswell, of Madras, Oregon, has filed notice of his intention to make final five-year proof in support of his claim, viz:

Homestead entry No 7787, made November 28, 1899, for the se quarter sec 29, tp 10 s, r 14 e, w. m.

And that said proof will be made before D. P. Rea, U. S. Commissioner, at his office in Madras, Oregon, on September 6, 1906.

He names the following witnesses to prove his continuous residence upon, and cultivation of, the land, viz:

A. S. Phillips, W. H. Stonebocker, T. B. Tucker and J. E. Campbell, all of Madras, Oregon.

230 Register.

NOTICE FOR PUBLICATION. Department of the Interior, Land Office at The Dalles, Or., July 30, 1906.

Notice is hereby given that John P. Monner, of Madras, Oregon, has filed notice of his intention to make final commutation proof in support of his claim, viz:

Homestead Entry No. 13068 made December 5, 1904, for the nw quarter sec 35, tp 9 s, r 13 e, w. m.

And that said proof will be made before Don P. Rea, U. S. Commissioner, at his office in Madras, Oregon, on September 6, 1906.

He names the following witnesses to prove his continuous residence upon and cultivation of, the land, viz:

Charles F. Klauz, William Brownhill, Bert Loomis, Frank Siangland, all of Madras, Oregon.

230 Register.

Bad Case of Snakes. Eight rattlesnakes in one forenoon is a pretty good record, but that is the number that Urban Heineck and Jake Peterson killed one day last week, while haying for Mrs Andrew Vibbert about six miles north of this place.

John A. Isham left on Friday morning for Blue River, where he goes to complete the hunting trip he started on earlier in the year. On his first trip he was compelled to return to Madras sooner than he expected, and so he is returning to Blue River now to fill out the vacation denied him then.

LOST On Saturday, Aug. 25, on the road between Warm Springs and Madras, two halters and a riding bridle. Finder will receive reward by leaving same at Livingston's livery stable, Madras.

Mr. and Mrs. J. H. Hamer were in town last Saturday from the Warm Springs Agency where Mr. Hamer holds the position of "farmer" for the Government.

Charles Wilson and wife and Cramer returned on Monday evening from a three weeks camping trip in the mountains. The men in the party besides some smaller game.

Harry B. Sill and family returned on last Friday evening, and taken up their residence at the Loucks cottage.

Dave Barnett expects to spend the winter in the Valley, and is offering some stock and other personal property at his ranch.

THE HEADQUARTERS. CAPITAL UNIVERSAL Perfect in Design and Operation. THE BEST Cooking Utensils. She would be pleased with UNIVERSAL STOVES AND RANGES. For Sale By M'TAGGART & BYE Madras, Oregon

GREEN HOTEL. F. J. BROOKS, Proprietor. The most popular house in the town. This is the place to go if you want the best meals, the best beds and most courteous attention. Travelers' headquarters.

LIVERY & FEED STABLE. J. W. LIVINGSTON, Manager. In connection with hotel. First-class livery rigs on short notice. Transient stock well fed and cared for. Our rates very reasonable. MADRAS, OREGON

The ELK DRUG STORE. Carries a nice, clean, fresh line of drugs, sundries and patent medicines. Prescription work a specialty. Mail orders given prompt attention. You can get your medicines at any hour of the day or night. FRED J. DAMON, Madras, Or.