One year.....\$1.50 Six months..... Three months, ADVERTISING MATES ON APPLICATION

Entered as second class matter August 29, 1904, at the Postorfice at Madras, Ore., under the Act of Congress of March 8, 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 be a rich pocket and play out with depth. and this can only be determined by future prospecting. But the greatly exag gerated reports of the richness of the find are responsible for the rush into the new fields, for gold excitement when agriculwhich had been apparent to whole mining camps will stam-

hill, these mining booms gather question any of the wild stories afloat. And yet, of the thoustrike it rich. We hear of these, but not one word of all the in fruitless search.

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. The water will be pumped from their well to a large 3000 gallon tank built on top of their store, from which place it will be distributed throughout the building. The fall from the top of the building will give where he began his experiments 23 lings on both floors of the building they the problem to whose solution he adwill have good service for fire fighting purposes. The water will be pumped to the tank on the roof by a gasoline engine and pump, which has already been in stalled. The engine will also run a feed chopper for grinding up grain for feed.

Drills, also the P. & O. Plows, Disc ject to sharp deviations from the nor- chambers increase evaporation. The harrows, etc. J. W. & M. A. Robinson & Co. A car load will be in, in a in summer; warm and dry "Chishort time.

Clarence C. Ashley and his sister, and their guest, Miss Schools of Boston, J. E. Campbell and family, and W. C. Moore and family, who have been camping for a month past on the Santiam near the berry patches, returned to their homes near this place last Saturday afternoon. They had a very pleasant camping trip, and were the most successful in securing berries, of any of the parties who went camping during the summer, having picked and canned in all about 145 gallons of berries.

The ladies especially invited to cal and see ourlate arrival of white enameled ware just received from Germany. Sanford Sill & Co.

lege offered a scholarship to the eighth grade pupil of any school in this county and July, the season of growing crops, the examination held last May, and yesterday Professor Fulton received notice that the scholarship had been awarded to herself and the Madras school.

this Fall we would ask you to call and year of his dearth, there was more see our new line which will be here in rainfall than the crops needed. The Madras soon. J. W. & M. A. Robin- trouble was evaporation, not defison & Co.

during the week, visiting at the home of W. E. Guerin Jr., who came out with his experiments since 1883, with their family from Cleveland, Ohio, to spend varying success and failure-how he the summer months on the Deschutes.

Come and make your selection of a suit of clothes while the stock is all fields, and how he was ridiculed by full and you can get the size you want. the skeptics whom he sought to bene-Sanford Sill & Co.

Culver school district is making preparations for a dance and ice cream social to his system and won recognition, and be given at the Culver hall Sept. 7, the his labor has convinced those who proceeds to be for the benefit of the dis. have studied it that the redemption of trict. Everybody invited to attend.

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 numer of World's Work. It is filled with interesting facts about the wonderful Comp ell system of dry land farming, the application of which has revolutionized the farming industry in the semi-arid regions of this country. This article is pubished by permission of the publishers of World's Work.

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parts of Kansas, Nebraska and the Da- ten consists mainly in steep plowing, kotas. The eastern portions of these sucsucface packing and constant shalstates are admirable farming regions, low cultivation of the surface. All and the climate shades off into aridity these are means towards the sole end so gradually that no line of demarca. of retaining moisture within reach of it no one can yet say. It may tion was visible to the myriads of the plant roots and reducing evapora-"movers" borne by rapid waves of tion to a minimum. The results obimmigration teyond the limits within tained seem to warrant the prophecy which ordinary farming can succeed. of an agricultural revolution in the Therefore the situation in these states sub-humid belt. has attracted most attention. But the eastern plains of Montana, Wyoming. is necessary to the formation of an Colorado and New Mexico, all of Ok. ample reservoir for the retention of lahoms, and northern Texas, are parts of the same great plain and have sim- unstirred for centuries, and the passmen will be stampeded by a liar climatic conditions, and vast areas of the valleys from the Rockies tural or commercial advantages to the Pacific are regions of scanty Through the interstices between these rainfall. Altogether there are probably more than 2,000,000 in the United them for years couldn't move grates who farm precariously upon them. Gold-lust is a disease dry prairies under industrial condi- face by capillarity. As long as the and becomes epidemic, and tions never paralleled in the history tops of these wicks are exposed to the of American agriculture. This state ment will meet prompt denial from ation that occurs from the surface pede from place to place, in the the land agencies which, during the keeps in motion the endless upward hope of quickly acquired riches. past few years, have been taking ad- current of moisture to be borne away Like a snowball rolling down vantage of another cycle of excessive and wasted by thirsty breezes. Deep rainfall to refill the plains with immihill, these mining booms gather grants. For there has been another looser soil, effectively checks the size and impetus as they go, "boom"—in fact another boom is now movement. But deep proving alone is not sufficient. The broken ground sweeping all before them. None on. But no protestations from interwith the gold-fever stop to ested persons, however honest, can after plowing, as will prevent its drychange the views of the student of ing by evaporation, while still allowthese climates. Unless the Campbett method of farming is generally adoptsands who follow the rush into ed and applied with success, we may the gold fields but few ever expect-with a recurrence of dry years -a repetition of the distressful conditions which spread ruin over these communities in the early nineties. thousands who spend their lives Yet there are two sides to the truth about these arid regions; they are not cultivable with profit by ordinary methods, but by the adoption of this scientific cultivation, it seems probable that the brighter pictures painted by the land agent may be more than

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, them sufficient force, and with hose coup- years ago. Here are the elements of convinces one that this substrace dressed bimself:

A great plain of almost uniformly soil; a sub-humid atmosphere giving an average normal ramfall of only 15 We are agents for the Superior Grain or 20 inches; a capricious climate, submal; hot and thirsty southerly winds nooks" 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 books had laid down the law that severe droughts are to be expected whenever the mean ried on the work of garhering support annual rainfall is less than 50 inches, for the growth above. No long pointwith a mean annual deviation from the normal of more than 12 per cent., and that for successful farming without irrigation a rainfall exceeding 20 tivations resembles a level floor of inches is necessary. These statements, reinforced by bitter experience, seemed to need no further proof. The one comforting fact yielded by climatology was that the months of greatest Last year the Pendleton Business Col. precipitation in all this great central plain are in the months of May, June who should receive the highest grade at Clinging to this strand of comfort, Mr. Campbell went to work anew.

The first result of his Yankee "figur-Miss Bertha Conroy of this place. Miss ing" was this: that an inch of rain- you have the most idle time, then you Conroy is receiving the congratulations of fall is about 150 tons of water per acre; would have a good supply of water her friends here, who take a pardonable that 12 inches of rainfall, if it could be pride in the distinction she has won for kept in the ground, is amply sufficient to mature a crop of five tons per fill your cistern with snow then with September 6, 1906. If you are going to buy a new buggy acre, and hence, that in the dryest cient rainfall. Upon this truth all Don P. Rea spent several days in Bend bis subsequent work was founded.

To follow the devious course of his grasped every suggestion of leaf and blade and studied the effects of wagon tracks and hoof prints in the wheat fit-would be to tell a long story. Gradually, however, he has perfected the "arid West," if it is to come at all, must come through the adoption of the system of tillage developed by his patience.

It is not a patented or monopolized system, though Mr. Campbell has invented various machines. A great part of his writings and of his talks to

When the "arid West" is spoken of tell farmers how to accomplish the we are apt to think of the western same results without them. The sys-

Deep plowing, Mr. Campbell says, water The prairie soils have fain age of water through them has resulted in a sort of a columnar formation. "columns" the water runs downward by gravity, and the little columns act as wicks, drawing it back to the surumns under from eight to 12 inches of must receive such treatment at once ing the falling rain to soak into it easily, and also, keeping the hoisting chain of capillarity going beneath the surface, to lift moisture to-but not past-the root bed from deep in the

The subsurface, from the bottom of he plowed ground to wi hin 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. Now, "packing" sug-But this time honored implement will not do. It packs the surface but hardly affects the sail five or six inches down. It rolls along upon a crust of its own forming Even when followed by the harrow, it fails to meet the requirements of the new method. But the subsurface may be packed with implements found on every farm, and Mr. Campbell has devised a special tool for this work. An inspection of the fields at his experiment stations ing of moisture.

The reason that packing is indispenlevel surface; a wonderfully tertile sable seems plain. The plow turns clods, stubble, weeds and rubbish under the "slice," forming many cavi ties. Across these cavities moisture cannot pass by capillarity, but the air vegetable matter itself, dry and undecayed, aids evaporation instead of retaining moisture. The root-bed cannot bold moisture unless it is firm; and unless moisture be retained the

erop f-ils. After the deep plowing and the sub surf-ce packing, must follow constant shallow surface cultivat on. The object of this is two fold: to check evaporation, and to avoid disturbance of the plants' root-bed in which is cared shovels are permitted. So deep, and no deeper, must the cultivator run throughout the season. The ground, under this plan, after two or three culfirm earth with two or three inches of dust spread over it.

(To be continued.

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 when you are busy. For your house use it would be nice if you would first at his office in Madras, Oregon, on water; do not open it until about May. and you will be surprised to find what you have at your door. Sanford, Sill & Co. sell the cement.

For Sale.

One grain drill, one sulky plow, one pair bob sleds, one 31/2 wide tire wagon with hayrack, two two-year-old mare colts (on range), one Durham cow, one Jersey cow. For particulars address or call on F. J. Brooks, Madras, my agent. J. A. Messinger.

For Sale for Cash.

Two head work horses, 2 unbroke horses, 1 set double harness, 1 14-inch walking plow, 10 tons of hay. Inquire of D. W. Barnett, 3 miles north of Culver. Telephone connection. tf

For Sale.

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

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

Three hundred and sixty acres, located miles bast of Madras: 135 acres unde! ultivation, 250 acres tillable. Will lease for a term of years, or by the year, on son killed one day last week, white hay for a term of years, or by the year, on son son and the state of the space of the s rooms, and stables, granary, etc. Good miles north of this place. The largest of well. For particulars inquire at this the "rattlers" had 11 rattles and a button

Desert Land, Final Proof NOTICE FOR PUBLICATION.

Unit d States Land t fice The Dathes, Oreg By July 18, 1906.

Notice is hereby given that that tried Kampfer, of Shaniko, . Ye on, has filed notice of intention to make proof on his desert-land claim No. 410, for the n nall nw quarter, sec 10, tp 9 s, r 78 c. w m, be fore the Register and creiv r at The

prove the complete Irrigation and recla-

nation o said tand: Perry P. Monroe, C. M. McPherson and C. Strasser, of Madras, O egon.

MICHARL T. NULAN. Register.

NOTICE FOR PUBLICATION.

Department of the Interior. Land Office at The D des, Oregon,

July 30, 1906 Notice is hereby given that Daniel Swift f Culver, Oregon, has filed notice of his ntention to ma e final five-year proof in sicion of "farmer" for the Government. upport of his claim Vizi

Homestead entr. No 9448, made June 8, 1901, for the se quarter see 18, to 12 s, r 18

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

He names the following witnesses to prove his confinuous residence upon, and ultivation of, the land. viz:

Jesse D, Stearns, F e I W. Hull, Frank F. Fisen, all of Culver, Oregon; and Frank M. Loveland, or Madras, Orego MICHAEL I. NOLAN,

Register.

NOTICE FOR PUBLICATION.

(Isolated Tract) Public Land Sale.

U. S. Land Office, The Dalles. Or., August 11, 1906.

Notice is heraby 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 II 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 ove-described lands are advised to file

their claims, or objections, on or before the day above designated for sale. MICHAEL T. NOLAN. ANNA M. LANG. Receiver.

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 fiveyear proof in support of his claim, viz; Homestead entry No 8075 made March

25, 1900, for the Lot 3, se quarter nw q tarter, sw quarter ne quarter and nw quarter e quarter sec 5, tp 11 s, r 17 e, w m, And that said proof will be made before D. P. Rea, U. S. Commissioner, at his

flice in Madras, Oregon, on September 4. 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 Oregon.
man, all of Ashwood, Oregon.
MICHAEL T. NOLAN,
Register. Knox D. Huston, and Robert F. Berry-

NOTICE FOR PUBLICATION.

Department of the Interior. Land Office at The Dailes, Or., July 30, 1906.

Notice is bereby given that William Criswell, of Madras, Oregon, bas 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. Res, U. S. Commissioner, He names the following witnesses to

prove his continuous residence upon. and cultivation of, the land, viz: A. S. Phillips, W. H. Stonehocker, T. B. Tucker and J. E. Campbell, ali of Madras, Oregon.
MICHAEL T. NOLAN,

Register.

NOTICE FOR PUBLICATION.

Department of the Interior. Land Office at The Dalles, Or.,

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. 13098 made December 5, 1903, for the nw quarter see 35, tp 9 s, r 13 e, w m,

And that said proof will be made before Don P. Rea, U. S. Commission-er, 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. Klann, William Brown-hill, Bert Loomis, Frank Stangland, all of Madras, Oregon.

MICHAEL T. NOLAN,

Eight rattlesnakes in one forenoon to a pretty good record, but that is the number that Urban Heineck and Jake Pererto his credit. Heineck, who was pirching the hay onto the load, killed all of the snakes, which he found under the shockof hay. They have killed a number of other rattlesnakes on the plains during harvest, but this is the best day's business so far reported in that line. Rattlesnakes are found along the Deschutes as far thing else there; they want is south as Crooked River, but beyond that they are only found rarely. In this im-mediate locality they seem to have unusu ally plentiful this year.

John A. Isham left on Friday morning Dalles, Oregon, on the Stat day of August, for Blue River, where he goes to com plete the hunting trip he started on earlier He names the following witnesses to 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 A. Kampier, all of sha iko. Oregon, and denied him then. He expects to return in two or three weeks.

> LOST On Saturday, Aug. 25, on the road between Warmspring and Madcas, two balters and a riding brutle Finder will receive reward by leaving same at Livingston's livery stable, Madras,

Mr. and Mrs. J. H. Hamer were in own last Saturday from the Warmspring ter in the Valley, and is offere Agency where Mr. Hamer holds the po some stock and other person

country this spring when was plowing, and the tre he met he asked who he t at was plowing down of ing; "Why that's one of work I've seen done and I m see our before! Nearly stry

Charles Wilson and wife and Cramer returned on Monday from a three weeks camping to mountains. The mee is the good sport hunding, and billed besides some smaller game.

Sod should not be placed per buy about 3 or 4 Inches at 1 breaking, allow it to by tember, then barrow it with cuse harrow and seed to p later than October, and be a you plow it with a Syrecoup anle by Sanfard, SH & Co.

Harry B. Sill and family a Madras on last Friday evening taken up their residence mile Loucks cottage

Dave Barnett expects to man

THE HEADQUARTER



The frugal housewife desires - - -

THE BES Cooking Utensils

She would be pleased

STOVES and RANGES

For Sale By

M'TAGGART & BY

Madras, Oregon

GREEN

F. J. BROOKS, Proprietor

The most popular house in the town. This is the place to p 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 abstraction. Transient stock well fed and cared for. Our rates se very reasonable.

MADRAS, OREGON

Carries a nice, clean, fresh line of drugs, and patent medicines. Prescription work a special cialty. Mail orders given prompt attention. can get your medicines at any hour of the d

FRED J. DAMON, Madras, Or or night.