The Times-Herald
The Official Paper of Harney County has the largest circulation and is one o the best advertising mediums in Eastern Oregon.

The Times-Herald.

The Great Harney Country
Covers an area of 6,428,800 acres of land, 4,634,951 acres yet vacant subject to entry under the public land laws of the United States.

VOL. XXI — BURNS, HARNEY COUNTY, OREGON, MAY 23, 1908 — NO. 27

ON HOW TO USE WATER

ICULAR INTEREST TO PEOPLE OF HARNEY COUNTY

Interesting Views by One Who Has ...ed—Water Must be Supplied ... in a Scientific Manner.

...following paper on irriga... recently at a farmers' ... at Aberdeen, Idaho, will ...rticular interest to every ...o irrigates, or ever has ...ts to:

...tion means the supplying ...r in the right amount at ...t time. Water is the one ...necessary to plant life, ...is under the control of ...l the good irrigator can ... plant growth with as ...ertainty, almost, as he ...shape of his buildings. ...n who does not under... ...nothing of plant growth ...r become a good irriga... ...ater must be applied in a ... and rational manner. ...it is the lever which con... ...duction. Moisture, air, ...l plant food are the ele... ...hich control plant growth ... the vehicle which carries ...he plant. Decending in... ...il it dissolves the chemi... elements, and rising by ... attraction, carries that ...he plant. Bear in mind ... not the water going in... ...il, but that coming up ...e plant.

... should grow continuous... ...the time the seed sprouts ...y mature. If they are ... with moisture in the ...antity and in the right ...y will do so. If the soil ...ted with water to such ...nt as to expel the air, ...th of the plant is check... ...s is one reason why irri... ...y the corrugation method. ...all trencher, is prefera... ...flooding. Bear in mind ... keep the soil saturated. ...e soil forms in thin ...and the soil particles. ...particles are cubes with ...faces, there would be a ...ater on all sides of the ...If this cube were pulver... ...changed to a powder, ...uld be as many films as ...e soil particles. Then ...l will hold more mois... ...n a coarse soil, because ... more interstices to be ...ten per cent of moisture ...interstices and a balance ...about the ideal propor...

...ood cultivation, in hav... ...oil well pulverized, is an ...od irrigation.

...ots of a plant are always ...an its top. That is, the ...tend further into the ...than its top above it. ...may run along near the ...r may be made to pene... ...p into the soil. If the ...pt wet when the plants ... grow, their roots will ...r the surface. But if ... is withheld, the plants ...for it, the same as an ...nd send their roots deep ... The deeper the roots go ...r the feeding ground of ..., and the thriftier the ...l be.

... by the application of ...e irrigator may benefit ... plant growth. A plant ...s near the surface will ...requent irrigation. One ...ted requires much less ...Thus by starting right ...ator may either make or ...self work.

...ween the corrugating or ...methods, he preferred ...er, for two reasons; a ...d quicker distribution of ...d less liability of check... ...growth. In the corru... ...r furrow method, fur... ...e or four inches deep, ... feet apart, should be ... the field immediately ...ating, before the seeds ... These furrows readily ... the water, carrying it ... field in much less time ...en flooding is resorted ... distribute the water ...lly. The rise of an inch ...n a few square rods of ...is scarcely noticeable. ...r cannot be forced upon ...ound without impound... ... dams and making the ...s too wet while the high ... getting moisture enough ... the plants grow. Where ... four inches deep is made through such high places the water flows without interruption, and soaks in about 12 hours from one corrugation to another, leaving the surface generally dry, and supplying the water to the roots where it is needed.

The best results are obtained, in permanent ditenes by placing sprouts made by nailing lath together, in the sides of the ditches to take the water from the ditch to the corrugations. One spout will supply two corrugations. These spouts should be placed in the side of the ditch, about one inch or so below the water level when the gates are closed. For instance, say the fall is two feet to the half mile, and your ditch 18 inches deep. If the gate were put in at the lower end of the ditch it would back water up only three-fourths along or across the field. But begin about 200 yards from the upper end of the ditch, and put in a gate that can be raised and lowered, not quite as high as the banks of the ditch, so that water will run over the headgate or as many as are required. The greater the fall the more gates required. When you want water close the gates and raise the water above the spouts. When through, raise the gates, the water level falls, and the water harmlessly passes away. When ditches are constructed this way it is a pleasure to irrigate and requires little time.

In preparing your ground for irrigation (for permanent fields) do it right. Made right once, it is always right. If no more than 10 acres can be prepared in one year, do it right, because it will pay in the long run. Have your land level. By level is meant free from knolls, with a slope. Water cannot be made to run up hill. If the slope is too great run the corrugations around the slope in steep places or parallel with the ditches as near as may be necessary, instead of from it. A fall of an inch to a rod makes a good flood for corrugations. When the land is quite level and has a gradual fall to the southeast, with the water coming upon the land at the highest point, the northeast corner. Construct a litch clear around the tract, with gates so that the water can be flowed westward and fed through spouts to the northern part of the field, the surplus part of the water passing away in the ditch on the west.

The surplus water on the field will be caught in a cross ditch, a third of the way down the field and may be used to water the central part of the field or allowed to waste in the ditch on the west, or if it is desired to water the middle or lower parts of the field the water can be turned down the ditch to the east, and forced into either cross ditch as desired, and the water confined to the land intended to be watered. If the field cannot be properly laid out without the services of an engineer it will be much cheaper to get one than to try and get along in a slipshod manner by attempting to drive the water where you want it with a shovel. Irrigating is easy where the ditches are properly laid out. Where they are not, it is slavery.

Unless the soil has moisture sufficient to bring grain up and keep it thriving until it is in the milky stage, irrigate before planting. Irrigate again in the milky stage, and with ordinary soil this should be sufficient to mature the crop. When the soil five or six inches below the surface will remain in a ball when squeezed in the hand it does not need water. If not, it is time to irrigate.

The match race for Saturday afternoon promises to be well attended. Wade Hampton, owned by the Officer boys of the John Day, and Brandy, the property of Mike Brown, of Paulina, are to run for $100 a side, and speculation is rife as to which will be the winner. Brandy, his owner claims, is only a scrub, half cayuse, but so far he seems to be gathering in the shekels. He is used out on the ranch as a cattle horse, and is big-muscled and looks like anything rather than the racer he is. It is expected the attendance will be large.—Prineville Review.

Job printing—The Times-Herald

LOCAL DOINGS OF NARROWS

GENERAL GOSSIP OF THE REGION AROUND THE LAKES.

Personal Mention of Coming and Going of Neighbors—Matter of Road Building Interesting Topic There.

In this vicinity the subject of roads seems to be agitated to quite an extent. One man says "I have a road on one side of my place and that is all I need." This statement is make by A in regard to the proposed road which is to run about ten miles on the range line south of Malheur lake. It seems that the new road divides A's ranch throwing less than 30 acres on one side of the road and the remainder on the other. It is up to the residents of road district No. 2. to decide whether an imposition should be placed on the general public to benefit one individual.

Mrs. Wm. Dunn and son Frank returned home from Surprise valley Cal., where they have been visiting a few weeks.

Mr. and Mrs. Alfred Marshall returned from Burns the first of the week with a fine drove of cattle.

The watering place west of Barton Lake field is nearly dry. Cattle in that vicinity are suffering on account of the short supply.

Walter Botsford, M. E. Race and Wm. Dunn returned Saturday evening from Burns with a load of shingles and lumber.

John Hezier has gone to the south part of the county to work on the road.

Frank Dunn has gone to Weeds lake to look after stock.

Ed Anderson has his new house painted and has now gone to the sheep shearing plant.

John Marshall has gone to the railroad at Ontario for freight for C. A. Haines.

Claude Schug returned from the railroad a few days ago and is now struggling with his partner in finishing a well.

Wm. Marshall was in Burns on business last week.

Mr. Bosford, Elvin Marshall, and Calvin Race went to Anderson valley to work in the shearing plant of Jenkins.

L. M. Hamilton the County Superintendent of schools was a caller on the residents of this place in the interest of the school district.

J. M. Dalton and C. A. Brittingham were also making calls looking after the scattered voters in the interest of the treasurer and assessor.

S. S. Williams of Drewsey was transacting business in Vale the first of the week.—Oriano.

AUCTION

I will hold regular auction sales on the first and third Saturdays of each month at the C. A. Sweek barn in Burns. Bring in anything you have for sale and get your money for it. Special attention given to sales in the country.

W. T. SMITH,
Auctioneer.

WHAT ABOUT SALMON PROTECTION?

That the food fish of our State need better protection than is now afforded is agreed.

You have already or doubtless will receive considerable literature on the subject, but no matter how attractive the argument, stop and consider how much it may be colored by self-interest.

The United States Bureau of Fisheries are the greatest expert authorities on the subject and have no ax to grind. Read what they say:

Hon. Charles W. Fulton,
United States Senate,
Washington, D. C.

Sir: The department realizes the importance of the various questions affecting the salmon fishery in the Columbia River brought up in your letter of the 18th ultimo, and has taken this opportunity to make a thorough investigation of the matter. There can be no question that the status of the fishery is unsatisfactory, and that under existing conditions the trend may be expected to be steadily downward, with the result that in a comparatively few years the run of salmon in that stream will be reduced to such a degree that thousands of fishermen may be thrown out of employment and much capital rendered idle. The Federal Government is without any jurisdiction whatever in the premises, and the duty of conserving the salmon supply in the Columbia devolves on the States of Oregon, Washington, and Idaho; but this Department has been charged by Congress with important fish-cultural operations in the Columbia basin, and has felt impelled from time to time to direct attention to the necessity for giving adequate protection to the various species of salmon frequenting that stream. The Department is convinced that the run of salmon in the Columbia can be amply maintained for an indefinite period if artificial propagation is supplemented by rational protection; but artificial propagation alone cannot cope with the situation, and, as a matter of fact the recent experience of the Department has shown that its beneficent labors are rendered almost futile by the failure of the States to appreciate this fact.

The Department sees no reason for advocating the elimination of fish wheels from the river, as there is no evidence to show that this form of apparatus is particularly destructive to salmon. A condition that is specially favorable for the passage of salmon—namely, very high water—renders the wheels unserviceable and, on the other hand, periods of very low water, when the fish are much restricted in their movements, are also unfavorable for the wheels. During the past two or three seasons the catch of salmon by wheels has been comparatively small; but even if it were very large it would be a fact of no special significance in the present connection.

The Columbia River is, however, made to yield a quantity of salmon far greater than regard for the future supply permits, and the drain is yearly becoming more serious. No one familiar with the situation can fail to appreciate the menace to the perpetuity of the industry that is furnished by the concentration of a tremendous amount of fixed and floating apparatus of capture in and near the mouth of the river. The apparatus comprises about 400 pounds nets or traps, over 30 long-sweep seines, and more than 2,200 gill nets, the last having an aggregate approximate length of over 570 miles; and these appliances capture more than 95 per cent of fish taken in the Oregon and Washington waters of the river, the figures for 1904 being nearly 34,000,000 pounds, or 98.7 per cent of the total yield. Under such conditions, it is self-evident that but comparatively few fish are permitted to reach the upper waters where the spawning grounds are located.

The details of the measures necessary to place the salmon industry of the Columbia River on a permanent basis cannot be elaborated by the Department at this time, but in general it may be said that there should be (1) a restriction on the amount of apparatus employed in a given section; (2) an adequate weekly close season covering possibly two days at first, but reduced later if the circumstances warrant it; (3) an annual close season, preferably at the beginning of the salmon run, and (4) joint arrangements between the States, so that protective measures may be harmonious.

Respectfully yours,
(Signed) OSCAR S. STRAUS,
Secretary.

Bill No. 318 embodies Government recommendations and should pass. It is a square deal for all.

Vote No. 318—X—Yes.

Bill No. 333 was framed to foster the selfish interest of a single locality. It is against the Government recommendations, and will mean a heavy tax on the State to carry out its provisions. It favors monopoly and is unfair. It should not pass.

Vote No. 333—X—No.

OREGON INDUSTRIAL NOTES

THE NATIONAL RETAIL GROCERS TO MEET IN PORTLAND.

Development League Circulating 60,000 Copies of Four Page Dairy and Livestock Bulletin—Comprehensive.

The Oregon delegation to the National Retail Grocers Association just adjourned at Boston, won a signal victory in securing the 1909 convention for Portland. When one considers that the retail grocers are more numerous than any other class of business men, it gives an idea of the immense audience of merchants throughout this country who will be interested in hearing from Oregon during the next twelve months.

The Portland Commercial Club moves today into its magnificent new home, probably the largest building of its kind owned by any popular commercial body anywhere. The first luncheon was made the occasion of honoring Oregon products. In addition to this the furniture and fixtures are Oregon-made.

The Hood River Commercial Club, through its officers, is asking the co-operation of the commercial bodies of the state in favoring the establishment of Hood River County.

The Los Angeles Bureau of the Portland Commercial Club, under the management of Mrs. Frances C. Headlee, gives a lecture to an average of two hundred people every morning at 11:30. In addition to this, Mrs. Headlee has spoken before large gatherings, and especially before social bodies in the evening. She was recently the guest of the Ohio Society of Southern California—her address, of course tells the glories of Oregon. Her daily reports show a great interest in this state, and that a large percentage of travel back East will return by way of Oregon.

The Oregon Development League is circulating 60,000 copies of a four page Dairy and Livestock Bulletin. This contains most effective illustration and text, a comprehensive story of livestock, dairy and poultry realities as well as some idea of the future possibilities of this greatest of all dairy sections. The Portland Country Club and Live Stock Association and the location of the great packing plants are important features. It is easy to see that almost untold wealth will accrue to the state through the development of this marvelous branch of its growth.

Oregon's advertising has reached every quarter of the civilized world. Late letters have been received by the Oregon Development League from Austria and New South Wales, Australia.

Alex Mackintosh passed through Prineville Tuesday on his way from Paulina to Portland to visit his wife.—Prineville Review.

ManZan Pile Remedy. Price 50c is guaranteed. Put up ready to use. One application prompt relief to any form of piles. Soothes and heals. Sold by The Welcome Pharmacy, Burns, Oregon. Fred Haines, Harney, Oregon.

Chas. A. Adams has purchased a one-half interest in the City Meat Market from L. J. Rickard, and the firm will be known as Rickard & Adams.—Ontario Argus.

Don't cough your head off when you can get a guaranteed remedy in Bees Laxative Cough Syrup. It is especially recommended for children as its pleasant to take, is a gentle laxative thus expelling the phlegm from the system. For coughs, colds, croup, whooping-cough hoarseness and all bronchial trouble. Guaranteed. Sold by The Welcome Pharmacy Burns, Oregon. Fred Haines, Harney, Oregon.

NO TRESPASSING.

Hunting is forbidden upon my place adjoining Burns. Trespassers will be prosecuted.

C. H. VOEGTLY.

Up-to-date job printing at reasonable prices.

W. E. Grace of the Citizens National bank of this city left for Portland yesterday where he may make his permanent home.—Baker City Democrat.

NO TRESPASSING.

Notice is hereby given that hunting and shooting upon the enclosed lands of the American Land & Live Stock Co. is strictly forbidden. Any person or persons found hunting or trespassing will be prosecuted to the full extent of the law.

E. B. HILL,
Ranch Manager.

NOTICE

Being unable to give our personal attention to the collection of the accounts due us, the same have been placed with Mr. C. H. Leonard. A year having elapsed since the dissolution of co-partnership a prompt settlement of the same is requested.

MARSDEN & GEARY.

Religious Services.

Rev A. J. Irwin will preach at Harney the 2nd Sunday of each month at 11 a. m. and 7.30 p. m. Sabbath school every sabbath at 2 p. m.

The Harney Sunday school meets at 2 o'clock each Sunday and a cordial invitation is extended to all who can attend to meet with us.

At the Presbyterian church Burns, Rev. A. J. Irwin pastor. Devine services the third and fourth Sundays of each month at 11 a. m., and 7:30 p. m. Sabbath school at 10 a. m. every Sabbath morning.

The Lone Star
RESTAURANT
China George, Proprietor.
Cor. Main and B Streets.
MEALS AT ALL HOURS
Bakery in connection
A Specialty of Short Orders.
Table furnished with everything the market affords. Your patronage solicited.

You Must Sleep!

SLEEP is absolutely necessary to good health. It restores strength to brain and body. Only those who unfortunate enough to suffer and tossing at night know the horrors of sleeplessness. To be up all night tossing into darkness, fearing that you will go mad!

Sleeplessness is caused by Asthma, Chronic Alcoholism, Delirium Tremens, Dyspepsia and Stomach Troubles, excessive use of tobacco, Kidney, Bladder, Liver and Bowel Trouble, Heart Disease, Rheumatism, Pain, Neuralgia, Headache, Worry, Overwork, Mental Strain, Bad Nervous Habit, Nervous Excitement, Melancholia, Hysteria, Epilepsy, Neurasthenia, Spermatorrhoea, St. Vitus Dance or Chorea, Blood Poison, Skin Diseases, various forms of Male and Female Troubles, in fact, there are many more conditions coming in.

IT IS IMPOSSIBLE TO OVERESTIMATE THE NECESSITY OF SLEEP, FOR LONG CONTINUED SLEEPLESSNESS IS LIKELY TO PRODUCE INSANITY.

SLEEPINE gives peaceful, refreshing health building sleep, and we guarantee that it is free from and does not contain any Opiates, Morphine, Cocaine or Chloral.

It is guaranteed under the U. S. Pure Food and Drugs Act, June 30, 1906, Serial No. 1666.

In order that you may try it, we will send

ABSOLUTELY FREE

a trial package to any sufferer, sending name and address, or we will send a regular size package on receipt of 50 cents, postage prepaid. Write today.

The Sleepine Co.
Reserve Trust Bldg., CLEVELAND, O.

The Publisher's Claims Sustained

UNITED STATES COURT OF CLAIMS

The Publishers of Webster's International Dictionary assert that it "is, in fact, the popular Unabridged thoroughly revised in every detail, and vastly enriched in every part, with the purpose of adapting it to meet the larger and severer requirements of another generation."

We are of the opinion that this allegation most clearly and accurately describes the work that has been accomplished and the result that has been reached. The Dictionary, as it now stands, has been thoroughly revised in every detail, has been corrected in every part, and is admirably adapted to meet the larger and severer requirements of a generation which demands more of popular philological knowledge than any generation that has world however considerable.

It is perhaps needless to add that we refer to the dictionary in our judicial work as of the highest authority in accuracy of definition and that in the futureas in the past it will be the source of constant reference.

CHARLES C. BOTT, Chief Justice.
LAWRENCE WELLOR,
JOHN DAVIS,
STANTON J. PECKLER,
CHARLES D. HOWRY,
Judges.

The above refers to WEBSTER'S INTERNATIONAL DICTIONARY

THE GRAND PRIZE
(the highest award) was given to the International at the World's Fair, St. Louis.

GET THE LATEST AND BEST

You will be interested in our specimen pages, sent free.

G. & C. MERRIAM CO.,
PUBLISHERS,
SPRINGFIELD, MASS.

WEBSTER'S INTERNATIONAL DICTIONARY

NEW SPRING WAISTS

Just received a beautiful line of ladies' waists in Embroideried, Lace and net waists for Spring.

Something Very Stylish in Lawn and Silk

Our dress goods department will show a very attractive display of Lawns, Silk Mulls, Mercerized Chambrays, Corrine Suitings and Ingomars—These goods are the latest production for this season.

New Embroideries and Lace and a beautiful line of India Linons.

Our Shoe department is complete in every way and we can satisfy the most fastidious in foot wear.

Remember we carry the
ROYAL WORCESTER CORSET

Brown's Satisfactory Store.

The Harney Valley Brewing Co.
Manufacturers of
PURE BEER
and
Pure Soda Water
Family Trade Solicited—Free Delivery
T. E. JENKINS, Manager

5 Cents
Buys a good, cool Glass of Beer at the
Harney Valley Brewery Saloon
GOOD DRINKS OF ALL KINDS
Cigars of Best Quality
NELSON & OLIVER, Proprietors, Burns, Oregon

THE CAPITAL SALOON,
TRISCH & DONEGAN, Proprietors.
Burns, -- Oregon.
Make This Headquarters.
Wines, Liquors and Cigars.
Billiard and Pool Tables.
Club Rooms in Connection.

M. L. LEWIS
Will be glad to furnish
PARTICULARS
and PRICES
To anyone desiring
INFORMATION.
See his Handsome
DESIGNS.

The Burns Flouring Mill
JOS. STEVENANT, Props.
MODERN ROLLER MILL PROCESS IS USED
Fully equipped in every particular and of sufficient capacity to supply the country for a radius of 100 miles in bread stuffs.
FLOUR, ROLLED BARLEY, CHOP, AND
All Kinds of Mill Feed always on Hand
THE VERY HIGHEST MARKET PRICE PAID FOR GOOD MILLING WHEAT
CUSTOM WORK DONE
Good Seed Wheat for Sale

Job Printing.