

HOWARD DISCUSSES IRRIGATION DITCHES AND WATER SUPPLY

By J. S. Howard
The above topic appears to be the all absorbing one at present, and having had over 50 years experience along those lines perhaps those interested will pardon me for butting in, as I should like to help promote the enterprise in any way possible, as irrigation of the valley is the only road to prosperity and I have had my ear to the ground listening for prosperity for a long time.

I may state at the beginning that I have no axe to grind and am not working for any company, association or individual, and I do not propose to present an array of figures so large as to discourage any enterprise nor to make any under estimates so as to put people in a hole. The success of any enterprise depends on the projectors knowing in advance the prospective cost, and being prepared to meet it.

Big Butte Proposal
I will first consider the Big Butte project. I understand that the flow of Big Butte creek is about 250 second feet of 10,000 miners inches, or enough to irrigate 14,000 acres of land. To carry that amount of water will require a ditch 14 feet wide on top, eight feet wide on the bottom, and six feet deep, all in the solid ground with a grade of one in 1000 feet or 5.28 feet per mile, having a cross section of 66 feet, with a velocity of 3.8 feet per second. As this ditch will be all side hill work with an average cross section slope of 20 degrees it will cost approximately \$10,000 per mile. Much of the excavation will be in bed rock, as can be seen by the excavation along the P. & E. railroad to Butte Falls.

Seventy Mile Ditch
The distance from the forks of the creek to Little Butte creek is about 30 miles. At Salt creek an inverted siphon pipe line across Little Butte creek, one mile long, will be required to bring the ditch on the south side of the creek at an altitude above the Fish Lake ditch. From this point along the contour of the hills to a point about midway between Talent and Ashland at the crossing of Bear creek, the ditch will be about 40 miles long, which with the first section, will make a ditch 70 miles long, costing \$700,000 for the ditch, and \$50,000 for 5000 feet of pipe for the Little Butte crossing, making \$750,000 as the cost of the ditch.

The altitude of the forks of Big Butte, according to the U. S. contour lines, is 2400 feet. The fall or grade of the ditch head for the siphon line, will be 400 feet, so the ditch should intersect Bear creek some where near the Farman mill. The evaporation in that length ditch will be about 20 per cent, making 8000 inches delivered at Bear creek.

Emigrant Creek
Now let us consider another source of supply. Emigrant creek enters Bear creek about four miles above Ashland. It is a sluggish creek with high sandstone walls. On each side of the canyon the bottom widens out to about one-fourth mile in places, with a narrow canyon below, which would make several ideal places for reservoir sites. Why not take a part of the \$750,000 and build a series of dams and make storage reservoirs. The sandstone can be quarried on the ground, and the cement factory at Gold Hill would be ready to furnish the cement. The watershed of Emigrant creek covers 50,000 acres, with an annual rainfall of 24 inches. This system can be placed in operation as soon as the ditch could be built, and would save the maintenance of a very long line of ditch, and the control of the water flow would be complete.

I think this plan would be worthy of investigation.
J. S. HOWARD.
August 26, 1915.

SOLDIERS' REUNION HERE SEPTEMBER 13-17
At a meeting of the Commercial club Wednesday afternoon it was decided to appoint a committee of one to act with the committee in charge of arrangements for the Southern Oregon Soldiers reunion to be held in the Hill Grove south of this city, September 13-17. Committees will also be appointed by the city council and Merchants association to aid in soliciting funds and supplies for this club that it was decided to hold the event. It is expected that 300 old soldiers and their families will attend. As the reunion will probably be held elsewhere during the next few years citizens are asked to give liberally to make the affair a success. It was at the request of the Commercial reunion in this city.

OLD NICODEMUS NIMBLE—AT THE FRONT

NICK SAVES WHOLE VILLAGE BY MARVELOUS ENGINEERING FEAT!



No. 1—Once while napping near a waterfall, I was awakened by shell fire!



No. 2—Artillery was pouring great cannon balls into a peaceful village nearby. I seized a log!



No. 4—After I had swerved the shells from their course in this manner, I jammed the log into the waterfall!



No. 3—Then I held the log aloft—downs of the cannon balls passed through it following it out neatly!



No. 5—IN THIS WAY I TURNED THE COLD STREAM ON THE FLAMES OF THE BURNING VILLAGE!

MATHER BOOSTS CRATER LAKE AS NATIONAL ASSET

(Portland Telegram)
Stephen Mather, assistant to Franklin K. Lane, secretary of the Interior, has discovered Crater Lake. The feelings of Columbus when stumbling upon a new continent have nothing on those of Mr. Mather. The national parks are under his direct supervision, and as a result of what he saw, he promises to do everything in the power of the department to lure tourists into the Crater Lake reserve. Mr. Mather passed through Portland this morning on his way to the Mt. Rainier park. He was the guest of E. O. McCormick, vice-president of the Southern Pacific on the latter's private car. In the party were G. E. Goodwin, who has been building roads to Crater Lake for the war department, and H. M. Albright, Mr. Mather's secretary.

"Nothing Like Crater Lake"
"There is nothing like Crater Lake in the world," said Mr. Mather. "We motored over from Klamath Falls. The most astonishing thing about the lake is the color of the water. The same deep blue can be seen in some of the grottoes of the Mediterranean. But there it is only a patch—when in the lake there are seven miles of it."

Mr. Mather laughed. "It may be a bad metaphor," said he "but it is the only thing I can think of to compare the color to. When I was a boy I used to take sticks of blueing and see how deep a shade I could color a tub of water. I never achieved any blue as profound or deep as that you see in the Crater Lake water."

"The view from Sentinel Rock is the most wonderful of all. There you look down from a height of 1200 feet. The rock is hard to get to. It shouldn't be. I have instructed Mr. Goodwin to build a trail from the lake to the point so that it will be easily accessible. The roads being built by the government in the park are ready to be surfaced. The road leading to the park could be improved and the counties bordering the reservations are working to that end. When the Natron cut-off is completed by the Southern Pacific the lake will be within 22 miles of the railroad at Kirk."

Change Name of Cut-off
"Mr. McCormick tells me that they are going to change the name of the stretch to Crater Lake Cut-off. Anything that will give the lake any advertising is a thing to be desired. Coming back we used the Rogue river road to Medford. As I told the people there, tourists visiting the lake from the Kirk side would come out by way of Medford if they knew the beauties of the scenery along the Rogue river gorge. There were at least 50 machines in the park while we were there."

Mr. Mather is from Chicago. He is a friend of Bishop Walter Taylor Sumner, of Portland. The two ran together at San Francisco. The bishop was invited to take the trip. "Can't possibly do it," he said, "I've got a lot of speeches to make."

"Go anyway," urged Mather, "a sight of the lake will do you more good than the speeches."

So effective was the personal advertising that Bishop Sumner consented to cancel enough engagements to leave the next day. He is now doing the park with another party. Mr. Mather is making the trip as an inspection tour of the government's big parks.

With Medford Trade is Medford Made

SURPRISE PARTY ON OCCASION OF 99TH ANNIVERSARY

An August 15 the River Side Recreation club with their husbands and children gathered at the home of Mr. and Mrs. J. W. Short on Foothills creek near Rogue River in honor of Mrs. Susan Whitney, Mrs. Short's mother, the occasion being the 99th anniversary of her birthday. Tables were immediately spread under the trees and loaded with a fine dinner. Before Mrs. Whitney stood a white frosted cake, 16 inches across and bearing 99 wax candles in pink rosebud holders. About 80 persons helped dispatch the good things after which H. D. Jones acted as director and the company joined in singing, "When the Roll is Called Up Yonder," led by Mrs. Allden on the Melodeon. A poem written for the occasion by Miss Mary D. Wallace was read by Mr. Jones. A few words of scripture descriptive of the heavenly home were read and a short talk on "The Desire to Depart, and Be With Christ" was made by Rev. Wm. M. Carle. Three cheers for Grandma were enthusiastically given, two more songs and benediction the company dispersed, having participated in the largest gathering ever held on Foothills creek.

It was a great surprise for the old lady and most heartily enjoyed by her. A large number of birthday cards, flowers and presents were brought, 100 having been received and more coming on every mail from all over the U. S., Alaska and Canada. Although Mrs. Whitney has reached such an age, she reads, sews and makes Battenburg lace without glasses. She has good teeth, good hearing and beautiful hair; has her own rooms where she receives her company and cares for the rooms herself. She even lived alone in Medford up to the age of 95 years. Born in Kent, England, she came to this country the year that Victoria was crowned and made her home in Cleveland, Ohio. Later she lived in St. Louis and came to Medford, Oregon, nearly 20 years ago. There was not a railroad in the country when she came to the U. S. and she remembers Chicago as an Indian outpost. She joined the church of the Disciples of Christ while its founder, Alex Campbell was yet alive and still holds her membership with the organization at Medford. She has two children living, 12 grandchildren, 10 great grandchildren and two of the next generation.

Mrs. Whitney's mind is clear. She subscribes for the Toledo Blade, the St. Louis Globe-Democrat and western papers all of which she reads carefully. She has voted and believes in woman suffrage. She converses intelligently on all topics of the day and with the manners of a lady of high refinement. To describe the social changes that have taken place in her lifetime would take columns, and often, as she thinks it over, she says it seems to her as if it must be only a dream.

STEWART'S SPRINGS
5 miles from Edgewood, Calif., good for rheumatism, stomach trouble, and skin disease. Rates \$12 per week for tent, board and bath. A beautiful camping ground, good trout stream, delightful climate, altitude 4000 feet. Campers are welcome. Mail card for bus to meet you. E. C. Lloyd, Edgewood, California.

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ASHLAND VOTERS REJECT PURCHASE OF LIGHT PLANT

ASHLAND, Aug. 26.—The charter amendment proposition, voted upon at a special election yesterday, providing that Ashland take over the equipment of the Oregon-California Power Co. within city limits and purchase electric current of that corporation on a wholesale specific basis, was defeated by a vote of 549 to 205. Every one of the three wards voted against it. This result leaves the status of electric light and power in this city as heretofore, with two rival companies occupying the field. The municipal plant, however, is handicapped to the extent of being unable to accept more patronage due to inadequate facilities. The measure as submitted to voters was as follows:

An Act to amend the charter of the City of Ashland, the same being the act to incorporate said city filed with the secretary of state, October 14, 1908, and the acts amendatory thereof, by providing for an additional section to said charter and act to be numbered 19a, providing for the issuance of bonds of said city for the purpose of constructing, acquiring, enlarging and completing electric light and power plant or plants; for the creation of a special light fund and the control thereof, and to adopt, ratify and confirm a contract between the City of Ashland and the California-Oregon Power company.

COURT HOUSE NEWS

Reported by Jackson County Abstract Co., Sixth and Fir Sts.

Circuit
Anna Johnson vs. Leslie Johnson. Summons.

Wm. J. Beardsley vs. J. W. Dressler. Partial release of judgment.

Jesse Neathamer vs. Addie M. Jones Sherwood. Motion and affidavit.

Wm. Ulrich vs. D. A. Bonar et al. Answer.

Rothchild Bros. vs. W. M. Kennedy. Summons.

Blanche Sweet vs. Martin Marshall et al. Summons.

L. Niedermeyer vs. David H. Palmer et al. Summons filed.

Lillie F. Furrey vs. Arthur W. Furrey. Summons.

FOR RENT—HOUSES
FOR RENT—A-1 bungalow Phone 317.

FOR RENT—Modern 6 room bungalow, close in, cheap. Phone 13-X.

FOR RENT—Cozy furnished three-roomed bungalow. Newly tinted. All conveniences. Close in sleeping porch. Fine for teachers. 421 Jay St., corner South Oakdale and 11th Sts. 136

FOR RENT—Four room flat or house, furnished or unfurnished. 730 W. 11th, 723-Y.

FOR RENT—5 room modern house, hard-wood floors, full cement basement. Phone 370-W.

FOR RENT—Modern 5-room house, 1021 West 10th st., \$10, water paid. Bennett Investment Co.

TO RENT—5 room mod. furn. house. \$18. Purucker, St. Marks Bldg.

FOR RENT—Close in 5 room house with sleeping porch, modern plumbing, electric lights, cement sidewalk, garage, on paved street. Rent reasonable. Inquire of H. C. Stoddard, Medford, Oregon. 11

FOR RENT—HOUSEKEEPING ROOMS
FOR RENT—Housekeeping rooms with gas and bath. 315 North Bartlett phone 658-B.

FOR RENT—FURNISHED ROOMS
FOR RENT—Furnished rooms, 204 South Central. 153

FOR SALE—LIVESTOCK
FOR SALE—Eight year old sorrel mare, weight 1100, sound and true. Good saddle, buggy or farm animal. Perfectly safe and gentle. Price \$65. Phone 748-L. 135

FOR SALE—Good Jersey cow, young and in excellent condition. A bargain at \$65. Phone 748-L. 135

FOR SALE—Cheap, eight extra good young work mares, well broke, two sets of heavy work harness. Vinson's barn, North Riverside avenue. 156

FOR SALE—MISCELLANEOUS
FOR SALE—Cheap, good Brussels bed room rug nearly new \$3.00. Call 421 South Fir St.

FOR SALE—Peaches, 50c per hundred, C. W. Abercrombie, Kings Highway. 138*

FOR SALE—Fine, smooth tomatoes, best variety for canning. 1c per pound, cash with order. Prompt and careful attention to mail orders, satisfaction guaranteed. Bailey Canning Co., Talent. 138*

FOR SALE—Pole mountain buggy, good as new. Palmer Investment Co., Modoc Orchard.

FOR SALE—Tomatoes and melons. Phone 28-R5. 137

FOR SALE—Grain hay, \$6.00 to \$10 per ton. Phone 591-J2. 136

FOR SALE—3-seated Veile hack with pole. Phone 652-J. 136

FOR SALE—REAL ESTATE
FOR SALE—60 acres land, fine, deep soil, dead water right, 7 room house, electric lighted, modern. 4636 barn, fenced page wire, 40 acres in alfalfa, corn, sugar beets, and small garden truck, 20 acres in pears, Bartlett and D'Anjou, small peach orchard, team horses, cow, farm implements and all crops good with place. For price and particulars, address Box 55, R. F. D. Central Point, Ore. 134*

REAL ESTATE FOR SALE—All kinds of property for sale or exchange. Gold Ray Realty Co.

FOR SALE—Farm land, fruit land, timber land, land from \$5.00 per acre upwards on long time. Gold Ray Realty Co.

FOR SALE—Wyoona Place, 80 acres, finely improved Rogue River Valley land, 3 1/2 miles north Eagle Point. See or address owners, W. H. Crandall on the place, or J. T. Carpenter, 345 N. Bartlett, Medford, no agents. 150

FOR SALE—Buy Ashland property while prices are attractive. We have for quick sale in center of town and best residence district, on Sherman street, one block from school, 2 blocks from public library, three lots, each 60 foot front by 117 deep, covered with fruit, and 5-room house plastered, bath, lights, foundation, splendid chance to build 2 new small bungalows for rent to railroad men, on other two lots. Can sell whole property for \$1750, with \$650 cash. This is worth at least \$2500, and is growing in value. Also fine 8-room house, modern, with bath, lights, furnace, etc., on best residence district on boulevard, and 50-foot lot, especially fine location. Price \$4750. Hodgson-Whitmore & Reed, Cor. Oak and Main Sts. Ashland, Ore. 146

LOST
TAKEN UP—At Kaiser's place on Riverside, 3 cows and 13 pigs, marked with crochets right, two splits under bit in left. Owner can take same by paying ad and feed bill. L. R. Boussau. 139

NEW TODAY
Hardware and furniture stock in the Willamette valley for exchange for a stocked and equipped farm. Property in Los Angeles to exchange for a pear orchard. Good house in Medford for exchange on a good orchard. Encumbrance doesn't matter. Some good bottom land for sale very cheap.

C. D. HOON
Room 10, Jackson County Bank Bldg.

J. C. BARNES
102 West Main Street

WANTED—MISCELLANEOUS
WANTED—Second hand tent 12x14 with fly. Call 716 West 14th St. 155

WANTED—Wood to saw. Phone 684-R2. 137

WANTED—Stock hogs, weight about 100 lbs. Phone 597-J3. 139*

WANTED—To buy second hand lumber. What have you got? Box 33, care Mail Tribune. 135*

WANTED—Hay baler. Have 35 tons grain hay, want baler at once. Location Eagle Point railroad station. Apply Hart Hamilton, Eagle Point. 138

WANTED—\$20 to \$35 per month extra money to any employed person without interfering with regular work. No selling, no canvassing. Positively no investment. Unemployed need not apply. Address The Silver Mirror Co., Inc., 123 W. Madison St., Chicago, Ill. 134

WANTED—Large knitting mill invites correspondence from women desirous of earning money, part or full time. Good pay. Experience unnecessary. International Mills, Inc., Norristown, Pa. 200

WANTED TO BUY—20 tons of straw; also 20 tons of hay. Vinson's Feed Barn, N. Riverside Ave. 142

FOR EXCHANGE
TO TRADE—Good Jersey cows and young horses for diamonds weighing about one carat. Address box D, care Mail Tribune. 135

TO TRADE—160 acres of good unimproved land in northern Colorado, value \$2000 for land in Rogue river valley. A. S. Warren, Tolo, Oregon. 137

FOR EXCHANGE—Good ranch for stock general merchandise, up to ten thousand. Write G. Alder, Medford, Oregon. 134*

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Because my stock in trade is to have optioned at the lowest cash price the best buy in this county. I have been on the ground looking out for you for the past five years. Nearly everyday I have investigated some "good thing." I have eliminated everything except those deals which I am convinced will secure me satisfied customers. In a few hours time I can give you the benefit of this research. It is my business to show you over the county and introduce you to the possibilities and opportunities here. See Medford first and

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