

THE BEND BULLETIN.

VOL. II

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NO. 22

TO ENLARGE FLUME

It Will Supply Water for Two Canals.

TO COVER 85,000 ARID ACRES

Decides that No Water will be Taken Out Below Bend—Machines for Crowding the Work.

The plan of taking water for the Pilot Butte canal out of the river below Bend, which was contemplated a few weeks ago, has been abandoned. The chief reason for this is that the growth of the town would be likely to result in more or less pollution of the river and General Manager Johnston, of the D. I. & P. Co., thinks it would not be desirable to have the purity of the water in the canal subjected to question. Therefore the Pilot Butte canal will continue to be supplied from the present flume three miles above Bend.

It is, however, planned to enlarge the present flume to nearly four times its present capacity and use it as the intake for both the present Pilot Butte canal and the Central Oregon canal. The completed Pilot Butte canal will carry 250 cubic inches a second. The Central Oregon canal will carry 400 cubic inches a second. The flume, which will supply both those canals, will be increased in size to carry 650

cubic inches of water a second—the combined capacity of both canals.

Those two canals will water the original segregation of the Pilot Butte Development Company which the Deschutes company has taken over—nearly 85,000 acres. The contracts are based upon one cubic foot of water for each second of time for each 160 acres of land. Of the 85,000-acre segregation not more than 70 per cent is tillable land, the remainder being waste or only fit for pasturage. The 650 cubic feet to be carried by the enlarged flume will be 278 cubic feet more than is required for reclamation of that original "Drake" segregation. This will be about 75 per cent in excess of the full legal requirement.

This is the margin of safety observed by the company in its reclamation work. It does nearly twice as much as the law really requires.

The Deschutes Irrigation & Power Company has just ordered two machines that are expected greatly to increase the effectiveness of its working plant. One is a grader, wagon loader and ditching machine that will handle, with 18 horses for motive power, 1,000 cubic yards of earth in 10 hours. Five patent dump wagons are ordered, to tend the ditching machine. That machine operates somewhat like a grain header, the earth being elevated at one side and deposited in the attending dump wagon. If, upon trial, it does what is promised, one or two others will be purchased for the canal work here.

The other machine is a Redfield hand power rock drill. With it two men are expected to do as much work as is now accomplished by six. Both of these machines are expected to arrive within the coming two weeks.

Mr. Johnston says his plans contemplate the reclamation of the entire "Drake" segregation within the coming year. This means construction of canals, laterals and sublaterals to water all the cultivable land. Then the work will be continued for the 130,000 acres remaining.

"We are not entirely satisfied with what we have been able to accomplish thus far," said Mr. Johnston, "but we have labored under many disadvantages and perhaps have done as well as should have been expected. Now the entire enterprise is well in hand, we are gaining confidence with experience, and are able to plan with assurance that our plans can be carried into effect. We want to get the land reclaimed at the earliest practicable moment and will not spare expense or energy in doing so."

When Foreman Holden returned last Saturday from a visit at Eugene he brought word that the completion of sewer contracts there would soon liberate quite a number of men. Assistant Superintendent Rowlee and Harry Hunter left Tuesday for Eugene to hire those men for the irrigation works hereabouts.

This has been a lively week for freight in Bend. Ten loads drawn by teams of 4 to 10 horses each, and aggregating nearly 50,000 pounds, arrived and more are on the way, and the warehouse at Shaniko is still piled full of Bend freight. Among the freighters to arrive this week are C. W. Hilborne and J. P. Fry, of Grant county, Frank McConnell and Frank Edelman, of Gilliam county, E. O. Davis, Walter Williams and W. J. Pitts.

Freighter Bates, well known in Bend, was caught in the Mitchell country with a load at the time of the waterspouts last month. Since then he has been making mighty slow progress, building road as he went along, and he has not yet been able to get back on the Bend route.

Frank Welcome, W. C. McKinney and C. E. McPheeters, of Burns, were in Bend Thursday. They have been on a camping tour in the Upper Deschutes country and are on their way home.

AUTO LINE TO BEND

Incorporation with Capital of \$50,000.

CARS TO RUN BY NOVEMBER 1

Main Line from Cross Keys to Bend with Branch from Forest's to Prineville.

"We expect to have an automobile line in operation to Bend by the first of November" said W. E. Guerin, jr., upon his return from Portland Saturday night. "The full organization of the company has been arranged for and all capital is provided."

"The design is to have the auto line start from Cross Keys. The Columbia Southern railway, I am confident, will soon be extended to that point. There will be a private roadway for the autos, with an eight-foot track well crowned. The trip over this line will be made in five hours and with comfort instead of taking 14 to 18 hours with present facilities."

"The first machine on this route will be of special design. It will be of 30 horsepower, and will carry a dozen passengers, and will pull a trailer loaded with mail, baggage and express. From Forest a branch line will run to Prineville."

"Engineer A. E. Hammond has hung to this project and worked out all the problems presented by it and is entitled to great credit for getting the enterprise in shape for progress. He has taken the matter well in hand and will make a great success of it."

D. I. & P. CO. ELECTION.

The annual meeting of the Deschutes Irrigation & Power Company was held in Portland August 3. The only change in the board of directors was the substitution of W. E. Guerin, jr., for C. C. Hutchinson. No change was made in the list of executive officers, which continues as follows:

President—H. D. Turney.
Vice president and general manager—J. O. Johnston.

Secretary and treasurer—R. F. Guerin.

The other directors are John G. Deshler, H. W. Scott, J. Frank Watson, E. E. Lytle and W. E. Guerin, jr.

The reports presented were satisfactory in every respect and the vigorous prosecution of reclamation work was amply provided for.

J. W. Taggart, of Augusta, Wisconsin, a brother of J. F. Taggart, J. R. Lovely, of Lakeview, Michigan, and Charles Shong, of Augusta, Wis., arrived in Bend Thursday. Messrs. Taggart and Shong left home about a week ago. Mr. Lovely has been absent from home since June 3 and has spent several weeks viewing different parts of the Northwest. He is in the hardware business in Lakeview, Mich., and may locate somewhere in this country. But a brief visit to Bend is made at this time. Mr. and Mrs. Taggart will come in October to make their home here. Mr. Taggart is greatly surprised at the change that has taken place since he was here in May.

J. D. Merrill, of Linton, N. D., a brother of Dr. C. W. Merrill, arrived in Bend Tuesday. Mr. Merrill was on the stage which was turned over by an inexperienced driver near the pumping station of the water works a mile out of Shaniko. He suffered a dislocation of the shoulder which is improving slowly.

George Stephens, of Sisters, and Champ Smith and Isom Cleek, of Prineville, have arranged to buy the saloon of Shaw & Brosterhaus. O. Cobb, of Sisters, has taken over the saloon of West & Brock at Lytle.

JOHN DEERE Agricultural Implements

Mowers, Rakes, Plows, Harrows, Drills, Wagons

PHOENIX PAINTS

Five-Year Guarantee

RUBEROID ROOFING

Order it for Your New House

Dry Goods, Groceries, Hardware, etc.

Glass, Paints, Window Sashes, DOORS, OILS

The Bend Mercantile Co.

BEND

OREGON

\$5 FOR A POSSIBLE PARADISE

27,000 Acres of Land IN OREGON

FREE to those who will pay from \$5 to \$15 per acre for Perpetual Water-right

TO THE COLUMBIA SOUTHERN IRRIGATION COMPANY.

Lands located in the Deschutes Valley, Crook county, Oregon. Water now on land. Send for descriptive pamphlet to

B. S. COOK
251 Alder St., Portland, Ore.

IRRIGATED LAND

We are ready to receive applications for a large area under the canal of the

DESCHUTES IRRIGATION & POWER COMPANY.

This land is Eastward and Northward from Bend on the East side of the Deschutes River. Only water is needed to make it fertile. This is now provided. Special Inducements to those WHO SIGN EARLY CONTRACTS. For further information ADDRESS,

DESCHUTES IMPROVEMENT CO.

W. E. GUERIN, JR., PRESIDENT.

G. C. STEINMANN, SECRETARY.

BEND - - OREGON.

LUMBER

BEND, - OREGON

The mill of the Pilot Butte Development Company has begun sawing and hereafter will be ready to supply all kinds of surfaced and rough LUMBER and SHINGLES

AT REASONABLE PRICES

PILOT BUTTE DEVELOPMENT COMPANY