

# C. O. I. MATTER WILL COME UP

## CANAL ENLARGEMENT IS ISSUE

State Engineer Advises Board to Revoke and Cancel Approved List of Land Remaining Unsold and To Forbid Further Sales of Same.

(Special to The Bulletin)

SALEM, Feb. 16.—The question of whether the Desert Land Board shall revoke and cancel all approved lists of lands remaining unsold on the Central Oregon project and forbid further sale of lands until the canals are enlarged sufficiently to supply the amount of water designated in the company's contract, will be threshed out before the board next week.

The matter has been brought to an issue by two resolutions presented to the board last week by State Engineer Lewis and a report from John Dubuis, who was appointed by the board to make an investigation with special reference to the list of lands recently submitted by the company for certification and patent.

The board postponed action on the resolutions until officers of the company could be given an opportunity to appear before the board in defense. They have been invited to meet with the board for this purpose.

In his resolution referring to the contemplated enlargement of the Central Oregon canal, Mr. Lewis says that "it is apparent that the Central Oregon canal must be enlarged from the end of the present enlargement to the entrance of the state pipe, in order that it may properly serve the sold acreage below said state pipe."

He points out that as the contract with the United States for the reclamation of the lands expires October 17, 1915, this enlargement cannot await possible financing of the North Canal project, and he requests the board to order this enlargement before the irrigation season of 1914.

His second resolution is an order to revoke and cancel all approved lists of lands remaining unsold and to forbid further sales.

**Report of Dubuis.**  
In his report to the board, Inspector Dubuis finds that the canal capacity is not sufficient to supply water to the lands already sold, patented or listed for patent. He says:

"The maximum safe capacity of the North Canal in its present condition is less than 170 second feet. The maximum capacity of the main Pilot Butte flume diverting water above Bend is about 520 second feet. In fact, the record fails to show any time during the past season when such flume carried this amount of water. We thus have a total of 690 cubic feet per second of water to irrigate 34,674 acres. This would be an ample capacity at the rate of one second foot for 70 acres. For reclamation, one second foot of water must be delivered for each 100 acres of irrigable land as provided in settlers' contracts. While a detailed report on seepage losses has not as yet been prepared, the fundamental facts show that the average canal losses for the system as a whole for the past two seasons are about 50 per cent of the water diverted from the stream. This would leave only 345 second feet available for delivery to the land, or sufficient to irrigate 34,500 acres. This is 174 acres less than the irrigable area already patented or listed for patent.

"It therefore appears that further lands cannot be approved for patent until the carrying capacity of existing canals is increased. Under the Central Oregon Canal the maximum amount of water which can be crowded through the intake structure is 313 second feet of water, which with 50 per cent. loss is not sufficient to supply the 17,450 acres heretofore patented or listed for patent. It is understood that this deficiency will be remedied in the near future when it is apparent that this portion of the canal will carry a somewhat larger quantity of water. But no additional amount of water can be spared from the Pilot Butte Canal system until the North Canal is put in such shape as to carry an increased quantity of water."

**Statement of State Engineer.**  
Accompanying Mr. Dubuis' report was a statement from State Engineer Lewis. He said:

"From a careful summary of all available data relative to the Central Oregon Irrigation Company's Project it appears that 25,573 acres of irrigable land have been sold under the Central Oregon Canal. In addition to this, 7,477 acres of irrigable land are now open for entry and sale. The total area of irrigable land under this canal is 37,134 acres, of which 4,084 acres have not as yet been opened for entry and sale.

"This canal recently enlarged will not deliver the contract amount of water for the lands sold, and open for sale, on the basis of 50 per cent seepage loss. While the seepage studies are not complete, yet it is clear that the canal losses are far in excess of the 50 per cent allowance, and may even reach 50 per cent.

"The present canal with an allowable loss of even 35 per cent will not supply the lands heretofore sold and those patented, including those listed for patent. It will therefore be impossible for me to approve for patent the 3,600 acres embraced in the list recently submitted by the company.

"In view of the very serious situation under this canal, I would recommend that all lands now open for entry and sale be promptly withdrawn and that no further sales be permitted until the Central Oregon Canal is put in condition to deliver the aggregate amount of water specified in settlers' contracts. Upon proper showing that the canals can deliver an amount of water in excess of the present requirements, new lists can then be opened for sale by the board."

**EXTENSION FROM BEND?**  
The following item in the Lewiston (Idaho) Tribune of February 17 is being read with interest by local enthusiasts: "The new wall map of the Northern Pacific which was received in the city yesterday shows the Missoula cut-off from Lolo, Montana, to Kootenai and the lumber road from Orofino to Pierce City to be two of the four important roads projected for construction. The other two important pieces of construction indicated are the Glenn cut-off from Ritzville to Ellensburg (Wash.) and the Oregon line from Bend to Butte Falls, the present terminus of the short branch from Medford."

**NO ACTION ON REMOVAL.**  
(Lakeview Examiner)  
Senator Chamberlain is advised by Secretary Lane that no proposition is pending in the Department of the Interior, as reported, for the removal from Lakeview to Crescent of the land office, and if the proposition is received action will be deferred until the views of the Oregon delegation are obtained.

Get your land plaster reserved. Car in about March 1, United Warehouse Company.—Adv.

**PLAN AUTO TRUCK SERVICE.**  
The Wenandy Livery Co. is planning to put in a line of auto trucks between Bend and Silver Lake to begin operation about April 1. According to the company's plans, they will put two trucks in the service which will make the trip in about 10 hours. Passengers will also be carried.

Harness and harness sundries. Skuse Hardware Company.—Adv.

**COST OF OREGON TRUNK.**  
Statistics as to the cost of the Oregon Trunk railway submitted to the railroad commission show that the cost of the Oregon portion of the Cello bridge and the system in Oregon was approximately \$16,000,000, and that the remainder of the bridge in Washington and the connection with the S. & S. tracks in Washington adds about \$1,000,000 to the total. Nine months was spent by an expert accountant from the S. P. & S. offices in making an inventory and appraisal. The items will be checked by experts from the commission. Commissioner Clyde B. Atchison said the valuation showed the road to be the most expensively built in the state. He said no effort would be made to take reproduction cost, as the road has been built so short a time the cost would be practically identical with present valuations.

## BEND MEN BEGIN SHOOT

In First Event of State Championship Score Is 101.

The Bend Rod & Gun Club held its first shoot in the state match Sunday afternoon, scoring 101 points. There will be four more shoots and the club in the league making the total highest score will win the cup. Those whose shooting made up the score Sunday were: Kurrio, 22; F. Dibble, 22; Myers, 20; B. Deyarmond, 19; Knutsen, 18. Others who shot were Wilkey, J. N. Hunter, U. C. Coe, Skuse, H. E. Allen, W. Dibble.

The second shoot will be next Sunday; the third on March 1; fourth, March 15; fifth April 5.

There were not many out at the shoot Sunday, some of the cracks being absent, and the club hopes to have them on the grounds to take part next Sunday so as to bring the score up.

## SEWER CLAIMS SETTLED

Council Passes on Last Hurdle—Geo. S. Young Appointed Engineer.

A number of minor matters occupied the attention of the council at its meeting last night, chief among them being the passage of a resolution clearing up all the claims pending against the city on account of sewer construction. This action was taken on the recommendation of the streets committee which sealed down the claims considerably. Another recommendation of the committee which was approved by the council was for the installation of arc lights near Deyardment's garage and at the intersection of Wall street and St. Helen's drive. The question of building a lateral sewer from the new Catholic building on Ohio street was discussed and the matter left to the committee to attend to.

Other business done was ordering the payment of bills and directing the recorder to send copies of the recently enacted codification of the city ordinances to the incorporated cities in Crook county and to the local library. Instructions were given the city attorney to look up the question of transferring the water right owned by the city in connection with the land on which the sewer disposal plant stands to the cemetery tract. An effort is also to be made to rent the portion of the sewer tract not used by the city.

George S. Young was appointed city engineer and the appointment was unanimously confirmed by the council.

**ELECTRICAL INCUBATOR.**  
The latest electrical device to reach town is an incubator which Manager Foley of the Bend Water Light & Power Co. has recently had shipped in. This particular machine is manufactured by a Spokane company and has a capacity of 100 eggs. For the present it is being operated in a back room in order that its peculiarities may be studied. As soon as conditions are right it will be moved into the front window for the public to observe.

## STATEMENT OF COUNTY FUNDS

(Continued from Page 1)

City of Bend	87.89
City of Redmond	164.81
City of Madras	40.32
School district No. 72	
Sinking fund	250.00
Library fund	134.10
Institute fund	100.84
Excheats	239.06
School districts Nos. 1 to 80	1,599.05
Disbursements by Warrants.	
The 1913 disbursements were shown by warrants issued by the clerk to be as follows:	
Fire warden	82.45
Road fund except bridges	21,446.48
Bridges	5,048.90
Special road fund	13,942.78
County Court	
Circuit Court	9,459.97
Justice Court	628.56
Sheriff	11,978.63
Clerk	5,290.33
Treasurer	1,115.83
Coroner	457.15
School superintendent	3,878.57
Surveyor	2,852.87
Assessor	6,371.90
Taxes refunded	568.34
Current expenses	7,831.27
Court House expenses	5,593.74
Board of prisoners	1,211.71
Care of poor	3,258.84
Election expenses	3,101.60
High school	14,372.40
Scalp bounty	4,295.50
Water master	2,027.13
Widow's pensions	1,067.50
County veterinarians	30.00

Total warrants for 1913 \$130,764.33  
Less warrant No. 945, cancelled 65.00

Net warrants issued in 1913 \$130,699.33

Get your land plaster reserved. Car in about March 1, United Warehouse Company.—Adv.

## BEND IS STRONG AT BIG CONGRESS

(Continued from Page One)

The policy of the secretary of the interior in regard to a \$1000,000,000 loan and deferred 20 year payments. That the secretary of the interior be urged to authorize the immediate construction of the Tumalo project extension to complete the work already commenced and in process of construction by the state of Oregon, by virtue of the \$450,000 appropriation of the last state legislature.

That should the same prove feasible, the Deschutes Valley irrigation project and more especially that branch thereof affecting the lands north of the Crooked river and situated in Crook county, be carried out and that the secretary of the interior consider this project at an early date on a co-operative basis or by the reclamation service direct.

That state and national officials, members of the legislature and congress, co-operate for the earliest possible completion of a thorough system of stream gauging and topographical surveys of the water sheds of the streams throughout the state of Oregon to the end that the public be fully informed as to water and land resources of the state, and thousands of dollars may be saved by the settlers and others in trying to ascertain what are and what are not irrigation and power possibilities within the state.

That the Desert Land Board speedily make a ruling that no certificate of proof be granted to any settler or land owner until at least one-half of the irrigable area of the tract involved be completely cleared and cultivated, reclaimed, farmed and a crop actually harvested therefrom.

That the agricultural college of the state of Oregon, in co-operation with the agricultural department of the United States, be asked to establish small experiment farms or sub-stations on each irrigation project, at which place all the problems of soil analysis, plant growth and similar demonstrations may be carried on, and where the young people may be taught the scientific as well as practical sides of irrigation and the use of water, along with the study of agriculture and stockraising.

The resolutions committee consisted of: J. W. Brewer of Redmond, chairman; W. A. Forbes of Bend, L. H. Lewis of Madras, Frank Sloan of Stanfield, C. H. Leonard of Burns, Guy Rice of Lakeview, J. H. Fisher of Haines, J. N. Duncan of Nyasa, W. F. Burrell of Portland.

**Enidlaw Man is Secretary.**  
The following officers were elected:  
President—Asa B. Thompson, Echo.  
First vice president—J. W. Brewer Redmond.  
Second vice president—J. R. Blackaby, Ontario.  
Third vice president—W. Lair Thompson, Lakeview.  
Secretary—Fred N. Wallace, Laidlaw.

Committees appointed by president: Legislative—J. T. Hinkle, Hermiton chairman; Abel Ady, Klamath Falls; Walter F. Burrell, Portland; Vernon A. Forbes, Bend; M. J. Lee, Canby. Executive—Frank Sloan, Stanfield, chairman; C. W. Mallett, Ontario; W. F. King, Prineville; William Hanley, Burns; C. C. Chapman, Portland; Guy Rice, Lakeview; W. R. Walpole, Irrigon.

**Delegation From Bend.**  
Among those who were in attendance at the conference from Bend were: P. H. Dencer, W. G. Waugh, J. P. Keyes, Robert B. Gould, R. M. Smith, Bert Shuey, C. S. Benson, W. C. McCuiston, A. L. French, J. A. Eastes, V. A. Forbes, H. C. Ellis, Geo. S. Young, C. R. Hudson, R. V. Poindexter, Dennis Carmody, Hugh O'Kane, Frank May, T. H. Foley, E. A. Sather, H. H. De Armond, O. A. Thorson, John Seidl, L. D. West, J. C. Rhodes, A. O. Walker, H. W. Skuse, N. P. Smith, Barney O'Donnell, H. D. Bourcy, J. Edward Larson, Anton Anne, C. M. McKay, H. H. Davies, Walter Daniels, E. M. Lara, E. M. Thompson.

Order your land plaster now. First come first served. Car in March 1, United Warehouse Company.—Adv.

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