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### For Three Saloons.

Applications for three saloon licenses for Bend precinct are advertised to come before the county court at the November sitting, which will begin on the 4th. One petition is by Rean West and Chas. Brock, another by Severt Debing, and another by James W. Shaw and George Brosterhous. Bend a dead town? Well, we should snicker! Show us a live one then.

## ONE DITCH IS DONE.

COLUMBIA SOUTHERN RECLAMATION  
ENTERPRISE ON THE TUMELLO.

About 14,000 acres of Agricultural  
Land Under this Canal—Good  
Country for Fruit-Settlers  
to Come this Fall

The finishing touches are being put on the Columbia Southern irrigating canal this week. In a few days all the workmen will be withdrawn and this reclamation enterprise will be safely on its feet. There are about 40 miles of ditch—main, laterals and sub-laterals—and fully 10,000 acres of the company's segregation are under the ditches. Perhaps 3000 to 4000 acres of homesteads already in private holdings are also under these canals. These have heretofore been cultivated without artificial watering, but they will do much better under irrigation.

Construction work on this ditch was begun last May under the superintendence of Colonel C. F. Smith, of Lamonta, who has built more irrigation works than any other man in Crook county. It has been pursued without interruption to the present time, the force of men varying from a dozen to 35. The most difficult part of the work was at and near the headgates.

The water is taken from the north side of the Tumello river in section 2, T. 18 S., R. 10 E., one of the townships that was recently withdrawn from entry. From there a shelf on the side of the mountain was made for a distance of about two and a half miles to carry the canal. On the upper side the bank rises precipitously about 40 feet and on the lower side there is a descent nearly as great. On this part of the route the water is carried on a very gentle gradient, for a swift current would be likely to do damage there.

About a mile and a half below the head works is a 40-foot fall. This was very abrupt when the canal was made but it has since been modified by the washings of the current. Half a mile farther along the course the water rushes down a steep hill about 30 feet. Both these falls afford fine water power that will doubtless be utilized at some day not far distant.

Coming off the artificial shelf the canal plunges into a canyon for another mile or so and then it emerges into the open country where construction was a comparatively simple matter. At one point two miles above the county road crossing the canal was blasted out of the solid rock for a distance of about 15 rods. Soon after the water was turned in to run across that spot a leak developed and it was found that most of the contents of the ditch was escaping into the recesses of the basalt, going no man knew where. A few loads of pine needles and fine earth stopped that leak as suddenly as if a cork had been put in, and there has been no further difficulty of that kind.

The country has a distinct slope to the northeastward. In a distance of 12 miles the main ditch descends an even 1200 feet. The current in such a channel is necessarily rapid and some fear has been expressed that it would cut away the soft banks. The ditch water is muddy, which shows that it is carrying considerable soil, but Colonel Smith expresses no fear as to the permanence of the canal.

The county road between Bend and Sisters crosses the main canal near the center of section 16, T. 17 S., R. 11 E., which is perhaps 10

miles from the headworks. A short distance below that crossing the first lateral is taken out, passing to the northward about three miles, or half way to the reservoir site in sections 20 and 21, T. 16 S., R. 11 E. Near where this ditch crosses the township line a sub-lateral is taken out and carried more than a mile to the J. E. Wimer desert claim, where it forks and distributes water through sections 21, 27 and 28.

Another lateral leaves the main canal on the left hand side where it crosses the line between townships 17 and 16, passing northerly and branching out to sections 34, 27, 26, 22 and 23. Almost directly opposite the head of this lateral another lateral leaves the main canal and goes out easterly to carry water to sections 1 and 2 in 17-11 and section 36 in 16-11.

In the southeast corner of section 26, 16-11, another important lateral leaves the main canal to carry water to the northern row of forties in section 9, 16-12, a distance of more than six miles. This passes through the Brink, Nichols and Templeton homesteads and the remainder of the course is through the company's arid land segregation. One sub goes out to the east part of section 17 and another on the opposite side goes up into section 7.

The main canal passes northward along the easterly line of section 13, 16-11, then crosses into 16-12 and ends at the easterly line of section 7 a little above the middle of the section. Just before it crosses the township line it gives out another lateral about two miles long, leading north and bending around into the north half of section 6, 16-12.

The total length of the ditch, main, laterals and sub-laterals, is about 40 miles. The route of the waterways is so chosen that it is an easy matter to lead water away on either side.

From the headworks the first 10 miles of canal is over land more or less timbered. The remainder of the course is through the open, arid country, where irrigation is essential to successful agriculture. The soil is much better than the average of arid soils of Oregon and the climate is not too severe for the production of ordinary fruits. The country served by the Columbia Southern Irrigation Company is expected to be a great fruit region.

Of the 27,000 acres segregation covered by this enterprise considerably more than half is already disposed of under contracts conditioned upon the approval by the secretary of the interior of the contract already made between the company and the state. Some of the settlers will move in and occupy the land this fall, others will wait till spring. It is certain that a large area of new land will be under cultivation there next season and there is an abundance of water for all comers.

The company expects to fence both sides of its main canal and erect a telephone line along it with stations at convenient intervals so that notice may be promptly given at the headgates of anything requiring adjustment of the water supply. In every respect this will be a model irrigation plant and the enterprising people who have carried it through are entitled to every commendation. W. A. Laidlaw is president and manager of the company and several people in the Columbia Southern railroad are actively identified with this irrigation enterprise.

### Eyes Blinded by Cataract.

Richard King expects soon to go to Portland for treatment of his eyes. Cataract has so clouded the lenses that he is almost totally blind and will be obliged to under-

go a surgical operation for relief. This is so serious a matter that specialists are entrusted with it. Probably the diseased lenses will be removed entirely, leaving the aqueous humor of the inner eye to fill the cavity and, with the aid of glasses, do the work that was formerly done with the natural lenses of the eyes.

## LOCAL NEWS

Miss Mary Riley was a Bend visitor Wednesday, riding up from the ranch on her nag.

Rennie Booth, of Prineville spent last night in Bend, returning home this morning.

David H. Haner came in from Prineville the early part of the week and is spending several days here.

Now the robins have come back and the pines and junipers are vocal with their cheery chirp and song. They find the juniper berries very good food.

R. E. Warner and son, who have been visiting A. C. Lucas and family for the past ten days, left Wednesday for their home at Brownsville.

H. J. Palmer is back to his Deschutes ranch after a two weeks business trip that took him from Prineville to Shaniko and through the Haystack country.

Mrs. Kotzman and her two sons, who went to Powell's Valley, in Multnomah county, for a supply of fruit, returned home last Tuesday after a pleasant and profitable trip.

"Dad" West spent the first half of the week on another trip in the south part of the county for meat for his market. He finds the demand so brisk that it keeps him lumping to supply it. He disposes of nearly 1000 pounds a week.

While cutting wood on the west side of the river yesterday George Bates made a mislick that sent the axe into his instep to the bone. He tried to continue work but the wound soon became so painful that he had to be taken home. He is likely to be laid up for several days.

The infant son of Mr. and Mrs. Millard Triplett died at 4 o'clock Tuesday morning, aged five days. The babe had been ailing for about 48 hours and the little life flickered out in spite of all the parents could do. The burial was in the afternoon of the same day.

A. H. Kennedy, of the Prineville Review, came out to Bend Saturday night and spent the first day of the week in renewing acquaintance with Deschutes trout. The fish were glad to see him and he took to dozen of the beauties home with him. The fish hereabouts like Kennedy better than anybody else.

C. P. Becker, who has been connected with the engineer department of the Columbia Southern Irrigation Company the past summer, will occupy a tract of land under the ditch in 16-11 and put in the winter improving the place. He is a young man of intelligence and energy and will make a success of his enterprise.

The church choir and the cornet band are combining forces for an entertainment to be given about October 30 in Grant's Hall. There will be a short dialogue, a comedy in one act, two or three burnt cork sketches, a song or two and plenty of band music. The admission fee will be 50 and 25 cents. Not all details have yet been perfected but assurance is given that the entertainment will not fail for lack of calcium or hot water. The proceeds will go to the Sunday school and church.