

# THE BEND BULLETIN.

VOL. VI

BEND, OREGON, FRIDAY, AUGUST 14, 1908

NO. 22

## CROP YIELD HEAVY

### Bend Country Makes Good Showing for 1908.

### GRAIN AND GRASSES DO WELL.

#### Reports from All Parts of the Segregation State That the Harvest Will Be Bounteous.

Farmers are beginning to brag about their crops in this section, and well they may. The spring was a cold and backward one but a very satisfactory yield is going to be harvested. Grain crops in the vicinity of Redmond are showing up handsomely. Photographer Bowman of Bend has taken views of different fields in that vicinity. They show a field of wheat standing to a man's chest and another of oats standing as high as his neck. The heads of both the wheat and oats are filling out nicely and a fine yield of grain will result. No threshing has yet been done and consequently the yield can not be stated.

Similar reports have come in from Powell Buttes. Crops are very heavy there, especially oats, and in an oat field owned by E. A. Bussett it is said a steer or a man is completely hidden from sight 20 feet distant from a person. A farmer writing to The Bulletin from that section says that the crops would pay for the land in a very short time if transportation was enjoyed, with the better market it would afford.

Clover crops are doing remarkably well and it is a common remark heard now-a-days that "this is certainly a great clover country." A field of clover on the old experiment farm near Bend has yielded about three tons to the acre from the first cutting of the season. Similar reports come from other parts of the segregation. A field of alfalfa, seeded with a nurse crop last year by the C. O. D. Co. of Bend, gave a fine yield for its first cutting a short time ago, and is now about ready for the second cutting.

All root crops are likewise doing well, as usual. A Twin Falls paper reported a few weeks ago that the potato crop on that project would be practically a total failure, due to the cold spring. Fortunately that is not the case in the Bend country. The yield of potatoes here will be as good as usual—which is very good.

And fruit is doing very well. The unusually late frosts played havoc with the strawberries, currants and gooseberries, but red and black raspberries, Logan berries and blackberries are yielding prolifically. L. D. Wiest's blackcap raspberries are a sight to behold and are literally a mass of fruit. Mr. Wiest also has a few grape vines that have reached the bearing age and will have some fruit this season.

Thus does the Bend country still make good. We were visited with a cold and backward spring, common from one end of the country to the other, but in spite of that handicap the crop yield in this section will be found to be very satisfactory when the harvest is garnered.

### BURNS IN TOP OF TREES.

#### Fire Was Carried From Jack Pines into Tops of Sugar Pines.

The Bulletin made reference last week to the fact that a timber claim on Sugar Pine mountain belonging to W. H. King of Prineville had been entirely destroyed by fire. We learn since that the reason the loss was so complete was because the fire got into the tops of the big trees and burned over the entire claim. Of course, when the needles burn on a tree that kills the tree. The timber is standing as nicely as ever, with but little damage done to the bodies of the trees.

On this claim there is a lot of jack pine growing so thick that it is said it would almost be impossible for a man to go through them. Within this jack pine thicket there

was a luxuriant growth of grass standing a foot and a half or two feet high. This grass got to burning, the fire ran from it into the tops of the jack pines, and then was carried into the tops of the big sugar pines. That is the way the damage was done. If it were possible to log the claim now, there would be but little loss. But, of course, that is impossible, and the logs will spoil before there is any chance to use them.

### ARE RECEIVING DEEDS.

#### Many Settlers Making Proof and Obtaining Title to Lands.

Many settlers on the segregation are making proof of reclamation, cultivation and settlement and some few deeds have been issued by the State Land Board. Mr. J. R. Whitney, of Redmond, has just received deed No. 10 for 40 acres.

Settlers can make proof at any time by complying with the three months residence and one-eighth of the irrigable land placed under cultivation. The state will thereafter deed on receiving release of lien from the company.

### ANOTHER BAD FOREST FIRE

#### Burns over a Large Area Southeast of Bend—Forest Officials Put Up Good Fight—Now Under Control.

The largest forest fire in this vicinity and the one that seems to be doing the most damage has been burning on the Paulina mountains during the past week. The fire that The Bulletin reported in its last issue as burning in that section was put out, but another and much larger one has since been started.

F. P. Petit, head forest ranger of the Rosland district, came to Bend Monday to secure men to fight the fire. He reported that it had started in the east side of range 13 and had burned through ranges 14 and 15 and when he left it was just entering range 16, all in townships 20, 21 and 22. The fire extended in an unbroken line for 15 miles and was traveling to the southeast. It was doing considerable damage. Mr. Petit reported that he had counted 250 trees that fell during one night, but stated that the greatest damage was being done to the small trees. The forest officials are naturally very anxious to save the young trees from destruction.

The ranger said he needed 150 men to fight the fire and strenuous efforts were being made to secure them. All that could be found in this section were soon engaged and Tuesday and Wednesday men began to come in from Shaniko and Moro and along the line of the Columbia Southern wherever they could be found. As soon as they reached town they were taken to the scene of the fire. They are being paid \$2.50 a day and board by the government.

Wednesday it clouded up and a slight rain began to fall. The rain continued intermittently during Wednesday and Thursday, and must have been of considerable assistance to the fighters, although the precipitation was light. With so many men on the ground the fire will undoubtedly soon be gotten under control.

LATER.—Thursday afternoon Ranger Bennett came in from the scene of the fire. He had been working along the south side of the fire and had a fire line eight miles long on that side of it. He reported that the fire had burned a short distance into township 23, ranges 13, 14 and 15. Thursday evening Ranger Petit also came in and reported that they had the fire under control on the north and south sides, but it was still burning to the east. It had gotten only a very short distance into range 16. Heavy rains during Wednesday and Thursday had been of great assistance. He returned to Bend in order to send in some 30 or 40 men, by way of Rosland, onto the east line of the fire. He reported that the fire had burned only about a mile into the south side of township 20, but had

(Continued on page 5.)

## COST OF RESERVOIR

### Fine One Could Be Built for C. S. I. Project.

### AT EXPENDITURE OF \$119,035

#### An Interesting Article that Describes Storage Possibilities for the Laid-law Irrigation System.

There has been so much discussion regarding the Columbia Southern Irrigation Company's project during the past two years that anything bearing on that subject possesses more or less interest for the people of this section. The chief trouble with that unfortunate project is that there is not enough water in Tumello creek to supply the entire segregation with water for irrigation. It has been suggested that this trouble be remedied by building storage reservoirs. There is an interesting article covering this question in the June number of "The Northwest Journal of Engineering," a journal published by the students of the Oregon Agricultural College. The article is by Percy Cupper, who was one of a crew of surveyors who recently surveyed the proposed reservoir sites. The article, in part, follows:

One of the first companies to undertake the reclamation of land under the Carey Act, was the Three Sisters Irrigation Company, which later became the Columbia Southern Irrigation Company. This company entered into a contract with the state to reclaim some 27,000 acres of land in Crook county. The plan of irrigation contemplated was a gravity system from Tumello creek, the estimated cost of construction of which was \$277,000, or practically \$10 per acre, and the annual cost of maintenance was estimated at \$1.00 per acre.

It is obvious that in any irrigation enterprise the water supply is of equal importance with the land to be irrigated, yet this important feature is frequently disregarded, or considered upon such meager data as to render the conclusion arrived at utterly unreliable and often misleading. In estimates for both irrigation and power, where storage is not contemplated, the low water flow of the stream should govern in the construction works.

In the case of the Columbia Southern company, the contract was executed when the only available data as to water supply was an estimate of the maximum and minimum flow of the stream, based on Kutter's formula, which is a very unsatisfactory method of determining stream discharge. The results thus obtained were: Max. flow, 1,376 sec-ft. Min., 208 sec-ft. It was determined, after a considerable sum of money had been expended, that these results were approximately 100 per cent too large, and that the water supply was really sufficient to irrigate not to exceed one-half of the segregation. When this fact became known, the settlers started an investigation as to the practicability of storing the spring flood waters. Engineers, under the direction of the state engineer, were sent there to investigate the feasibility and make an estimate of cost and capacity of several reservoir sites located by the settlers. An examination of those sites disclosed the fact that four of the five were near the headwaters of Tumello creek and were too small to be of practicable use in the irrigation of so large an area, even if they had been ideal sites, which they were not. The largest of these, with a two foot dam 800 feet on the crest, would cover less than 50 acres, and would have a storage capacity of about 1,000 acre feet. Owing to the great distance from the land and consequent loss by seepage, this amount would probably not irrigate more than 500 acres. Although no estimate has been made, it is obvious that the cost per acre foot of storage water would be very high.

A rough plane table survey was made of what is known as "Wimer Flat Reservoir Site," on a scale of 1 inch=400 feet, and contour interval of 10 feet. From this survey it appeared that the reservoir would have a capacity of about 43,000 acre feet, with the water raised 70 feet at the dam, and would cover an area of approximately 1,040 acres. After allowing 20 per cent, or 8,600 acre feet for loss by seepage and evaporation in the distribution system, together with an evaporation of one foot in depth from the surface of the reservoir during the irrigation season, or 1,640 acre feet, or a total loss of 10,240 acre feet, the stored water available for actual irrigation would be 32,760 acre feet. Allowing 1.8 acre feet for the irrigation of each irrigable acre of land, the reservoir would supply water for 18,200 acres. As the reservoir would be filled in the spring, the summer flow would still be available for use on additional lands and would be more than sufficient to irrigate the remainder of the segregation, especially as a considerable portion of this land is rough and not sus-

ceptible to irrigation. As this reservoir site is not situated on the creek, a feed canal would be necessary, but, as the flow could be regulated by this means, it would eliminate the necessity of a water-way to the reservoir.

The construction of Wimer Flat Reservoir would entail the construction of two dams. It is proposed to build an earth fill dam at the lower end of the basin, 755 feet high, with a length of 450 feet on the crest, 5 to 1 slope, riprap one foot thick on the upper side, a slope of 1 1/2 to 1 on the lower side, and a water tight steel core wall, the water to be drawn off through a tunnel around the dam. The total cost of this dam, including gates and rigging, is estimated at \$107,264. These figures could probably be lowered if the earth could be placed by the hydraulic fill method. The other dam would be an earth fill, with a maximum height of 30 feet, and estimated cost of \$11,771. The total cost of reconstructing the entire project, including the storage facilities mentioned, together with feed canals and the necessary additional distribution system, is estimated at \$119,035, or slightly in excess of \$10 per acre.

**Redmond Items.**  
REDMOND, Aug. 9.—One of the saddest events that has ever fallen to our lot to record, occurred this week in the death of Baby Immele, which took place Tuesday night, from pneumonia, after a very short illness. When on Monday it became evident that medical attention was needed the parents took him to Prineville, but without avail. Funeral services were held from the home on Thursday morning with many sympathizing friends present. These services were very simple, partly from the fact that there was no official of the church of their choice anywhere in this section of the country. Two hymns were sung at the house and prayer was offered. At the cemetery the Our Father and Hail Mary were given and the little body was laid away. We find it hard to realize that the little one who brightened the home for four short months has been taken and we hope that he may still be a source of inspiration and comfort to the bereaved parents. The heartfelt sympathy of a host of friends is with them.

F. L. Ricker has been gaining steadily in Prineville and he is expected home the latter part of the week.  
Mr. and Mrs. Carl Ebrst, with Mr. and Mrs. McGuffie, started Friday morning for an outing on the Metolius. Trucks and Reeds preceded them on Wednesday morning.

Neighbor Smith is back from Spokane and reports Olive as much improved and that she will be down in the course of a week or two for an extended visit as it will be necessary for her to give up work for some time.

As the Water Users' Association never perfected organization, and as there seems to be need of some such union, it is requested that settlers come together again on next regular Settlers' Association meeting night, August 23, for the discussion of various matters of general interest. Remember the date. Everyone is urged to be present.  
W. B. and DeWitt Lamb are doing some clearing for Miss Eckerson. They will clear, plow and put into clover and timothy ten acres. E. C. PARK.

## SENDS SASSY LETTER

### Threatens to Use Dynamite on Preacher.

### LIGHTNING KILLS 21 SHEEP

#### Strikes Tall Pine and Electrocutes a Lot of Mutton—C. O. Surveyors Are Camped at Madras.

Rev. C. A. Housel, Methodist pastor at Prineville, has received an anonymous letter threatening him with dynamite. The Review says that Rev. Housel took an active part in the recent local option fight, and it is suspected that some disgruntled anti-prohibitionist is responsible for the letter. The letter has been turned over to Sheriff Elkins who is investigating the matter. There is a strong suspicion as to whom the writer is, but not enough evidence to warrant an arrest. The letter was written with lead pencil, in capitals throughout, and with an occasional misspelled word. The threatening missive follows:

"Hobo Housel, Old Tramp:  
"Prineville has got red of one bum and if you don't tend to your own business it will move you. Dynamite is cheaper than property tax, so mind your own business and let it alone!  
"You beg from women and children to keep you alive. You are a church member but no christian, a d— hypocrite."

**Lightning Kills 21 Sheep.**  
Wes Allen, who is herding for J. N. Williamson, was in town yesterday and told of the killing of 21 head of sheep on July 22. A furious storm of rain and lightning was raging that day, and the sheep always huddle around a tree during these storms. That day was no exception. The animals had gathered about a pine for shelter, and the bolt struck the tree, going directly of course to the ground and killing all the sheep that were close.

Allen was 85 feet away from the spot, further up the hill and in charge of another bunch, but he plainly felt the shock, which seemed almost to deprive him of breath for a moment. The smell of the burning wool was almost unendurable. —Prineville Review.

**Plans for Teachers' Institute.**  
R. A. Ford, new county superintendent of schools, took up his official duties here Monday. He is receiving numerous inquiries as to when the county teachers' institute will be held, and desires to say that no date will be set until after the convention of the county superintendents of schools has been held at Salem September 10 and 11, for the reason that he hopes to be able to induce the state superintendent, Mr. Ackerman, and other prominent educators to attend the Crook county institute. Accordingly, when Mr. Ford returns from Salem next month he will designate and announce the local dates. —Prineville Journal.

**C. O. Surveyors at Madras.**  
Robert Rea and the party of Central Oregon railroad surveyors reached Madras the last of the week, having practically completed the survey for the projected line between this place and Oneil, says the Pioneer. They came into Madras last Friday evening and pitched their camp, and next day "backed up" three miles on the survey in order to make some slight changes in the line where it comes into Madras. The new survey practically follows the old Columbia Southern survey, though a few changes have been made where the line comes into Madras and where it crosses Crooked river near Oneil, a slight reduction in the grade having been found possible at both of these places. The old survey got out of Crooked river on a 1.6 per cent grade, and out of Willow creek basin on practically the same, while the new survey reduces the grade about .1 per cent, so that the heav-

**Inklings at Gist.**  
GIST, Aug. 10.—Mr. Alex Lovrenze of Gist thought he would go in the chicken business, so purchased a dozen or more hens, nice ones, too. He was called away from home one day last week, and when he returned he decided he was out of the chicken biz. Mr. Coyote had got all but four.

**MARRIED.**—Miss Florence Philipp and Charles Wiley were married Sunday, at the home of the bride's father, near Gist. Their many friends wish them happiness.

Mr. and Mrs. Frank Zumwalt of Redmond stopped over night at Gist Tuesday night.

Mr. F. M. Philipp received the sad news Friday that his mother was not expected to live and for him to come as soon as possible. Mr. Philipp left today, Sunday, for the valley. It is hoped that he may find her better when he arrives there.

Mr. and Mrs. Will Fryrear spent the afternoon at Gist Sunday.

Mr. Reed of Sisters has sold out his farm at that place. We did not learn the man's name who bought but we were informed that he was from Washington. \$2,800 was the price paid.

Judge Ellis and Mr. Wynn stopped over at Gist for a few minutes Monday on their way to Sisters in the interest of the Central Oregon Railroad.

**How to Avoid Appendicitis**  
Most victims of appendicitis are those who are habitually constipated. Foley's Orino Laxative cures chronic constipation by stimulating the liver and bowels and restores the natural action of the bowels. Foley's Orino Laxative does not nauseate or gripe and is mild and pleasant to take. Refuse substitutes.—C. W. Merrill, Druggist.

**\$5.00 Reward.**  
Brown mare, white forehead, branded F on left hip. Strayed from D. L. & P. camp 2. \$5.00 reward for its return to John Dagostini, at above mentioned camp. 22-1  
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lest grade on the line will be a 1.5 per cent.

There are 11 men in the surveying party and they will probably be camped here for several days. Mr. Rea says that the line from this place south to Bend is one that can be easily built, with no heavy work to speak of. He declined, however, to express an opinion as to when construction would be started, although he says he believes that will depend largely upon the attitude of the people of this section toward the railroad project. Mr. Rea is firmly convinced that the people of Crook county will have to render some very material assistance themselves, if they want immediate relief from their transportation troubles.

### Excellent Crops.

E. A. Bussett of Powell Buttes reports all grain, especially oats, as being exceptionally heavy in his section this year, and he tells of one patch in his eighty which stands so high that a man or a steer not over 20 feet distant is completely hidden; head, shoulders and all. He, and all farmers in his neighborhood, near Niswonger's station, are enthusiastic about the crop outlook. —Prineville Journal.

### APPLICATION IS APPROVED.

#### Organization of First National Bank of Bend Is Being Perfected.

Apropos of the organization of the First National Bank of Bend, the Hanover National Bank of New York City writes to Mr. John Steidl as follows:

"New York, August 5, 1908.—John Steidl, Esq., President Central Oregon Banking & Trust Company, Bend, Oregon.—Dear Sir: We noticed yesterday that the Comptroller of the Currency approved an application made by you and your friends to organize the First National Bank of Bend, and we presume that the purpose is to convert your present institution into a National Association, and hope that the change will prove advantageous in many ways. It seems to us that Bend should develop rapidly at an early date and National Banks nowadays certainly have the call as against state and private institutions. \* \* \* We note that Mr. C. S. Hudson of Canon City will aid you in working out the details, the papers having been forwarded to him. You will find the gentleman in question an able and experienced man."

The Hanover National is the third largest bank of New York, with a capital of \$3,000,000 and a surplus of \$9,000,000.

Mr. Hudson, as stated last week, has been cashier of a bank at Canoa City and resigned to come to Bend. The Canon City bank had deposits of \$300,000. Mr. Hudson writes that permission has been given for the new institution to take over the assets of the Central Oregon Banking & Trust Company, the charter for the new bank has been granted, and its organization will go forward with all due speed. Mr. Hudson expects to reach Bend the latter part of this month.

### Tumalo Items.

TUMALO, Aug. 12.—J. N. B. Gerking and Mr. Allen of Laidlaw were in Tumalo Monday on business.

County Judge Ellis and Mr. Wynn, right-of-way man for the C. O. R. R., stopped here a few moments yesterday.

J. H. Edwards and Ed White of Gist passed through here Saturday returning from a business trip to Bend.

Chas. Wimer went up to Mr. Ryan's place Sunday, returning with some fine turf he caught up there.

I. E. Wimer and C. H. Spangh have a heavy crop of timothy hay cut and ready to haul in.

T. A. Jensen was cutting hay for Mr. Baker on his homestead last Friday and Saturday.

Geo. W. Wimer & Sons are busy haying and have a large crop to put up.

Mr. Swisher has just finished putting up a nice lot of clover and timothy hay.

Jay Nichols is busy haying and many more of the farmers are getting ready to commence. All are reporting a fair yield.

C. J. Johnson has gone to Culver to work.

Miss Olga Hasselberg was visiting at home Sunday. She is working for Mrs. John Ryan at the Tules ranch.

A number of campers from Bend passed through here last week going to the mountains for an outing.

Miss Coleman of the central phone office at Bend, accompanied by Lawrence Smith of Gist, passed through here Saturday evening returning from Gist to Bend.

R. H. Bailey of Laidlaw was in Tumalo Friday night after a load of ice from the Star Ranch ice house.