

## WORK ON OREGON & EASTERN RAILROAD

### Cross-Sectioned to Gray Place this Side of Gap. Nothing Definite has been Announced to Indicate Work Will be Discontinued. Meeting this Week to Outline Plans for Season

McConnell and his engineers, Cooper & Dodge Johnson, returned yesterday from a trip to Harney lakes and some distance through canyon in their work on the draining the lake and the land.

money that is believed available for the year.

"As was announced a few days ago in The Journal," President Farrell stated this morning, "several improvements are planned, but the amount to be expended cannot be definitely announced yet. We will meet sometime this week to talk the matter over."

### To Eliminate Waste On All Public Lands.

To eliminate all waste in the handling of public land and place before the people every acre of Government property which can be farmed, Chief Forester Henry S. Graves came to Portland today on a tour of the six districts into which forest reserves are divided.

The special work of Mr. Graves now is to visit all the reserves in this state and others, and pick out all the little pieces of farm land here and there so that they can be opened to settlement.

"There is no need of letting all this tillable land lie there going to waste," said the Chief Forester this morning. "In valleys along small streams, at the head of canyons and on the less steep hillsides there are hundreds of acres which can be turned into farms and made to grow and prosper little communities. This land is not of the best generally, but thrifty farmers can make homes of it and that is better than allowing it to lie idle."

Mr. Graves leaves for the Siuslaw country early this week. —Telegram.

## LATEST DEVELOPMENT LEAGUE NOTES

(From Our Portland Correspondent)

The cannery of the Fruit Growers' Association, at Eugene, is running to full capacity and 24 quarts of loganberries or raspberries are being turned out for every minute of the working day. Due to increased acreage and unusually favorable weather conditions the berry crop in the Eugene district is unusually large this year.

Writing from La Grand, N. C. Maris, a field worker of the Oregon Agricultural College, states that the citizens of the different sections of Union County are co-operating in an effort to make their county fair a record breaker in every respect this year. They propose to get together an exhibit at La Grande, October 8-11, that will convince their own citizens, as well as all visitors, that Union is second to no other county in the state in agricultural production. Industrial, agricultural and horticultural exhibits staged by the children of the county will be made a prominent feature of the fair.

In order to protect the seeds of Douglas fir that will be planted during this Summer, a campaign of extermination will be waged against field mice and other rodents in the burned over sections of Tillamook County, and poisoned grain will be liberally scattered over a tract of about 2,000 acres to be reforested. As soon as the poison crew finishes its work, a force of men will be sent to do the seeding, a task which will require about three months. In addition to the 2,000 acres to be seeded, an additional 1,000 acres will be planted with young trees.

Visitors to the world's fair at San Francisco in 1915 will be reminded by the Southern Pacific that Oregon is "one of the sights you can't afford to miss." As a result of a series of conferences recently held between the officials of that line, the "Shasta Route," the line between Portland and Sacramento, will be widely exploited. Crater Lake, the great fruit orchards of Southern Oregon, the Willamette Valley, the grand scenery of the Cascades and the varied industries of Western Oregon will be made the subjects of pictures and stories to induce tourists to include a trip through Oregon in their exposition plans.

## Market Report

Receipts for the last week at Portland Union Stock Yards have been: Cattle 1026; Calves 232; Hogs 2125; Sheep 4171.

Cattle market steady to stronger at the close of the week's business. Prime grass steers offering on Thursday and Friday sold at \$8.25 to \$8.50 in small quantities. The demand for this class of stuff is fine, but for medium and half fat varieties prices are no higher than they have been for the past two weeks. The steer top on bulk sales—8.00 to 8.25—light offerings of cows and heifers has strengthened the market somewhat, especially in choice grades. Cows \$7.00 to 7.25—heifers 7.25 to 7.50—bulls 6.00 to 6.25—and calves 9.00 are top quotations on the various classes.

Buying demand in the hog pens increased materially the latter part of the week; tops sold in bulk at 9.00 to 9.15, with a few loads at 9.20 and 9.25. The market is steady to strong on a basis of 9.15. Good demand for smooth and rough heavy hogs. Receipts have been fairly liberal considering the season of the year and liquidation will doubtless decrease during the next two months.

Sheep house prices have suffered to some extent during the last six days, due to the slow demand on the part of the killers. Good fat mutton is not finding a very broad outlet, while lamb values have decreased 25 to 50c since July 1st. Prime yearlings 5.25 to 5.50—ewes at 4.00, old wethers at 4.00 to 4.25 and lambs at 6.00 represent extreme quotations.

T. Allen Jones' Willowmere Creamery Butter can be had at the I. Schwartz store and Ches. Carter's stage office. 33.

## INTERESTING CROPS AT EXPERIMENT STATION

### The Success of Dry Farming Methods is Proven Beyond a Doubt Through Demonstrations This Season. The Crops Advanced Wonderfully by Favorable Weather and Late Rains

A visit to the Dry Farm Experiment Station at this season of the year reveals many very interesting spectacles to one interested in the scientific growing of plants and the methods applied to their development. The change in the past few weeks since the heavy rains would be of inestimable value to the man who is engaged in the actual work of farming on dry land. That it is one of the most progressive and forward movements ever inaugurated toward the development and upbuilding of the big interior Oregon has come to be realized by all who have taken occasion to observe the results of the various experiments. There is positively no excuse for failures in this country with such examples as are given by Supt. Breithaupt at the farm and a considerable acreage is devoted to unknown crops and in fact some crops that are sure failure, just to demonstrate to the farmer and convince him of the utter uselessness of trying such crops.

On the other hand there are crops that were uncertain and have been tried as an experiment with remarkable results—some have proven well adapted to this section while others have failed. By following the experience of these tests there need be no further failures or mistakes in the future.

An accurate record is kept of every plot devoted to crops on the farm by the superintendent and the seed from the various tests will be distributed over the county that it may be further tested and the best varieties increased so that in a short time the farmer may have seed that is known to be the best and may calculate on success from the time it goes into the ground. The field peas and alfalfa are going to be the most profitable and most extensive crops of the immediate future of this country and with more hogs and a better class of cattle together with the dairy industry which is being developed our farmers may soon realize much greater profits and be sure of their incomes where in the past it has been more or less speculative except on irrigated lands.

The writer went over practically the entire farm one day this week in company with Supt. Breithaupt and some friends, and although he doesn't let many days elapse between his visits to the farm he was most agreeably surprised to find the growth made in a short interval since his previous visit. These farms should be in every county in the state and every county that takes advantage of the legislation passed by the last legislature to further the extension work of agriculture is going to reap a great benefit if the money is properly expended. The education of the farmer is far the most important known at this time and with a scientific knowledge of his business there is not the slightest doubt of success in Central Oregon.

Mr. Breithaupt, the superintendent at the farm was asked many questions respecting various crops and also the success of this or that particular variety and a straightforward answer always followed that would certainly be beneficial to any farmer. Another matter incidental to this farm is that a rabbit tight fence has been placed around it that is effective—not a rabbit has been seen inside the enclosure since it was fenced and it has not cost to exceed \$1 a rod. Make a calculation on this and see how much crop it would take to absolutely prevent the rabbits from destroying the crops. Another matter that would be of interest

is the number of workmen required to properly take care of this big 200 acre farm: One man with the superintendent, the latter doing very little if any field work, does the work with an additional man during the seeding time. Don't get the idea that this method of farming is expensive. Additional help will be required during the harvesting season just as it is necessary to every farmer.

The Times-Herald hopes to see this farm the center of attraction to the farmers of this county where they are welcome and where they are going to solve the problem of the future of Harney county agriculturally. The sooner they take advantage of it the better for their own finances and the material reduction in high cost of living now occupying attention of economists of the nation.

## High Fertilizer Value of Spoiled Hay.

"Every acre of the spoiled hay, then, that is applied to the land will permit the raising of three 30-bushel wheat crops, or five 40-bushel oat crops, or three 200-bushel potato crops, or three 600-bushel apple crops, without any depreciation in the fertility of the soil," is the astounding statement made by Professor H. D. Scudder, agronomist of the Oregon Agricultural College in discussing the farmers' most pressing problem of the best disposition to make of spoiled hay. Professor Scudder continues the discussion as follows:

"A ton of clover hay contains 40 lbs. of nitrogen, five pounds of phosphorus and 30 pounds of potassium. If this amount of plant food was to be purchased on the market as fertilizer, it would cost not less than \$8.50 and probably closer to \$10.50, depending upon the form of fertilizer. Since a good average field of vetch and clover would yield for the first cutting this year about three tons per acre, the actual fertility value at the lowest market price for these three plant foods alone, contained in the spoiled hay on the average acre of clover land is \$21.50. Clover hay that has become spoiled for feed has lost little or none of these fertility elements, and hence every ton of it that can be returned to the land is worth not less than \$10 to \$15 and every acre with three tons of this spoiled hay carries a value of \$30 to \$45 if properly utilized.

The folly of letting this hay lie or burning it up can be seen at a glance. It should be hauled to the barnyard and thrown in deep piles just as is the manure. In other words, it should be composted, or allowed to rot. If it inclines to "firefang" it should be wet down a little. When the fall rain comes it will rot down and be ready to spread on the land in the following winter. In many cases this hay can be hauled off the meadow and spread at once on the stubble field or pasture that is to be plowed this fall. Before plowing it should be thoroughly disked so that it will be chopped up and mixed with the surface soil.

"Every ton of it contains as much plant food as is taken away from the barn in 30 bushels of wheat, or 66 bushels of oats, or 200 bushels of potatoes, or 600 bushels of apples, or in one ton of fat hogs, or four tons of milk, or ten tons of butter."

Send in for your Deering repairs do not wait until the last moment. We will get any thing you want and have it here on time. N. Brown & Sons.

## Locator Van Sant Escaped Convict.

It was reported in Burns last week that a homestead locator named Van Sant had been arrested at Lakeview as he was an escaped convict wanted in California. The man had been active in the locating business in Catlow and made frequent trips to Burns. From the following it appears he was arrested in Bend. The report that he attempted to secure his gun seems to have been a mistake as the Bulletin says:

Because an auto got stuck in the mud and because a man with a "record" and a man with a memory happened to be eating dinner at the same time at the Mountain View Hotel on Monday, a Spokane realty firm lost its representative here and the prison officials at San Quentin, Cal., will gain a new boarder.

Sheriff W. B. Snider of Lakeview was the man with the memory. On his way to The Dalles he had stopped at the Mountain View for his dinner. There he noticed a young man who has been known locally as B. G. Van Sant but whom he thought he remembered as Bernard Sitz, wanted in California as an escaped convict. He informed the local authorities of his suspicions and Van Sant was arrested and confessed his identity. Later in the afternoon Sheriff Snider proceeded on his way to The Dalles in an auto, taking his prisoner along, well shackled.

Sheriff Snider was going to The Dalles to get an auto and was due to reach Bend from Lakeview Sunday night. However, the auto which was carrying him and other passengers got stuck in the mud at 3 p. m. and remained stalled until 8 that evening, and as a result did not get here until Monday noon. Had such an untoward thing not occurred, Van Sant would no doubt still be free.

Van Sant, or Sitz, came to Bend about three months ago with a big Winton automobile and engaged in the business of locating settlers in the country to the southeast. He was not in business for himself, however, being in the employ, it is understood, of the Spokane Orchard Development Company. He had just returned from a trip to Burns when Sheriff Snider found him.

It was stated that a year and a half ago Sitz was convicted in California of obtaining money under false pretenses and given a five year sentence. While being taken to prison he escaped and has since been at large. Here in Bend Sitz had passed a number of worthless checks and it may be that when California is through with him he will be given an opportunity to observe the changes that have taken place in this town in the interval. This will surely be so if the desire for reparation in those whom he has "stung" is as long as Sheriff Snider's memory.

Stop at the Burns Hotel when in this city where there is a fine cook and very best accommodations. tf 31.

## Causes of Stomach Troubles.

Sedentary habits, lack of outdoor exercise, insufficient mastication of food, constipation, a torpid liver, worry and anxiety, overeating, partaking of food and drink not suited to your age and occupation. Correct your habits and take Chamberlain's Tablets and you will soon be well again. For sale by all dealers.

## OREGON AGRICULTURAL COLLEGE

BEGINS its forty-fifth school year SEPTEMBER 19, 1913. DEGREE COURSES in many phases of AGRICULTURE, ENGINEERING, HOME ECONOMICS, MINING, FORESTRY, COMMERCE, PHARMACY. TWO-YEAR COURSES in AGRICULTURE, HOME ECONOMICS, MECHANIC ARTS, FORESTRY, COMMERCE, PHARMACY. TEACHER'S COURSES in manual training, agriculture, domestic science and art. MUSIC, including piano, string, band instruments and voice culture. A BEAUTIFUL BOOKLET entitled "THE ENRICHMENT OF RURAL LIFE" and a CATALOGUE will be mailed free on application. Address H. M. TRIMMANT, Registrar, (By 7-12 to 9-9) Corvallis, Oregon.

## "FLYING SQUAD" PAYS HARNEY COUNTY VISIT

### Representatives of Oregon Agricultural College, Portland Commercial Club and Hill and Harriman Railroads Tour Valley and Express Surprise at Wonderful Advancement Made

Early this week announcement came to the Commercial club and business men of Burns of the proposed itinerary of a delegation touring Central Oregon in behalf of the Central Oregon Development Convention. The purposes being fully set forth in the announcement from Portland as follows:

The "Flying Squad" will tour Crook, Harney, Lake and Klamath Counties to create interest in the Annual Convention of the Central Oregon Development League, to secure the appointment of delegates thereto; to meet the homesteaders, farmers, ranchers and business men of Central Oregon, to obtain information as to the opportunities and needs of the different districts visited; and to ascertain wherein the Oregon Agricultural College and the Portland Commercial Club may be of service to Central Oregon.

Owing to the short notice given and the fact that this is the busiest season of the year for the Harney County farmers and ranchers, who are in the commencement of the hay harvest, no general meetings could be arranged for throughout this section.

The delegation was composed of Professor A. B. Cordley, Dean of Agriculture, O. A. C., Philip S. Bates, representing Portland Commercial Club and Central Oregon Development League; R. H. Crozier, General Passenger Agent, Spokane, Portland and Seattle Railroad—A "Hill" Line, and L. M. Foss, representing Oregon-Washington-Railroad & Navigation Company—The "Harriman" Line. The party was accompanied by J. C. Leedy who returns to spend some time at the Harney County Experiment Station.

The party arrived on scheduled time Wednesday evening after a pleasant day's run from Bend,

calling on a number of homesteaders and ranchers in the Hampton and Silver Valleys enroute.

Thursday morning a number of our local business men joined the guests in an automobile trip around the northern half of Harney Valley. The party led by J. J. Donegan, President of Commercial Club, was composed of above named gentlemen, Ben Brown, Dr. L. E. Hibbard, P. S. Whittenhiller, Archie McGowan, J. E. Dogzan, Roy Van Winkle, C. A. Byrd, and C. B. McConnell.

A short stop was made at Harney and while the business men interviewed had made no arrangement for delegates to the Klamath convention they promised to take the matter up and be represented if possible. The party continued to follow the route along the northern and eastern edges of the valley and arrived at Crow camp ranch just in time to take on a delicious cherry lunch as an appetizer for the dinner they knew was in store for them a little farther on the way.

Mr. Robbins was in the hay field but his well known hospitality was taken advantage of and the party quickly scattered among the fine shade and fruit trees and enjoyed a rare treat. Several varieties of cherries were sampled and pronounced by the visitors to equal or exceed any they had seen in the Willamette Valley this season. While the apple, prune and other varieties of trees are not so heavily laden with fruit as last season this orchard will produce a good quality and will be of the best quality and size. Great interest was also taken in the fine drove of 125 hogs pasturing in the orchard and the railroad men at once began to figure on how they were to be got to the market, but the problem was not solved, or at least the result was not announced.

(Continued on page two)

## THE BURNS HOTEL

DELL DIBBLE, Prop.  
Centrally Located, Good Clean Meals, Comfortable Rooms, Clean and Sanitary Beds  
First Class Bar in Connection. Give Me A Call

## Burns Meat Market

H. J. HANSEN, Proprietor  
Beef, Pork, Veal, Mutton, Sausage, Bologna, Headcheese and Weinerworst, Etc.

## Wholesale and Retail

Prompt and Satisfactory Service  
Your Patronage Solicited and Orders Given Quick Attention

## Go To The Rexall Drug Store

For AnSCO Camera's Films and any thing wanted in the KODAK LINE  
Reed Bros. Props.

## THE FRENCH HOTEL

JOHN R. WALKUP, Prop.  
Strictly First Class. Splendid Service, Fine Accommodations, Commercial Headquarters  
Sample Room in Connection, Reasonable Rates

## BLUE MT. STAGE CO.

Daily Line, Burns and Prairie City  
SCHEDULE:  
LEAVE ARRIVE  
Burns ..... 6 a m Canyon City ..... 6:30 p m  
Canyon City ..... 7 a m Prairie City ..... 10 a m  
Prairie City ..... 2:30 p m  
Canyon City ..... 7 p m Burns ..... 12 noon  
Fare, Burns-Prairie City, - - - \$ 6.00  
Round Trip, - - - - - 11.00  
Express Rates 2 1-2 Cents, Prairie to Burns  
PLEASANT, SCENIC ROUTE ALL THE WAY  
L. WOLDENBERG, Prop.

## WELCOME PHARMACY

Offers You The Very Best Of Facilities  
For filling prescription. We have a large and well assorted stock of prescription drugs—and competent Pharmacist to compound them.  
We have the agency for the well known line of Nyal Family Medicines, Eastman Kodaks and Supplies. Come and visit us at any time.  
J. C. Welcome, Jr. Prop.