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Columbia Southern
RAILWAY.
PASSENGER TRAIN TIME CARD.

South-bound	NO. 2 DAILY PASS.	STATIONS.	North-bound	NO. 1 DAILY PASS.
LEAVE P.M.			ARRIVE A.M.	
1:30		BIGGS	11:30	
1:40		Gilman	11:19	
1:44		Sinks	11:10	
2:04		Wasco	11:00	
2:17		Klondyke	10:45	
2:18		Summit	10:40	
2:25		Hay Canyon Junction	10:24	
2:40		McDonalds	10:05	
2:41		De Moss	10:02	
3:04		Mills	10:05	
3:13		Erskinville	9:57	
3:44		Grass Valley	9:30	
4:00		Bend	8:55	
4:16		Kral	8:40	
4:26		Wilcox	8:30	
5:00		SHANIKO	8:00	
ARRIVE			LEAVE	

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Reasonable Prices	INCH COMMON DIMENSION SHIPLAP RUSTIC	Lumber Delivered at Low Cost Anywhere on The D. I. & P. Co., or The C. S. I. Co.
Good Grades	T. & G. FLOORING BEADED CEILING WINDOW JAMBS WINDOW CASING HEAD BLOCKS O. G. BASEBOARD STAIR TREADS WATER TABLE O. G. BATTINS MOULDINGS P. B. D. PATENT ROOFING FENCE PICKETS SHINGLES ETC., ETC.	
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The Pilot Butte Development Company
BEND, OREGON

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Ice cream sodas can now be obtained at the postoffice store. 14-tf

Rattlesnake Killed Near Madras.
J. W. Robinson killed a large rattlesnake about six miles south of this place last Sunday afternoon. When coming from Culver he came upon two young ladies who were making heroic efforts to kill the rattler, which had taken refuge under a sagebrush, from which vantage point he was sounding a terrible warning with his rattle. Mr. Robinson dispatched him with a rock and removed the rattle, which contained nine rattles and a button. The snake was killed near the spot where Jerry Cramer killed one a few weeks ago, and it had the same number of rattles.—Pioneer.

THE First National Bank of Prineville.
Established 1888.

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Fire Insurance, Life Insurance, Surety Bonds, Real Estate, Conveyancing
PRINEVILLE, OREGON

TO TRY NEW SYSTEM

Campbell Method Will Be Given Trial.

SUB-SOIL PACKER IS ORDERED

Pilot Butte Development Co. Will Experiment in Crop Growing Near Bend without Irrigation.

The far-famed "Campbell system" of dry farming, a system that is being much talked of at present, will be given a trial in the Bend country next season by the Pilot Butte Development Co. This system will be used in connection with irrigation and probably a piece of new ground will be tilled according to Campbell's plans and no water put upon it whatever except that coming by rainfall. A subsoil packer has been ordered, a machine invented by Mr. Campbell, and a thorough test will be given the system in this vicinity. If this method of dry farming produces the marvelous results that it has in other semi-arid countries, its introduction into the Deschutes valley will bring thousands of dollars of profit to the farmers and will convert many thousand acres of land that cannot be reached by irrigation into fertile grain fields. This it has done in other states.

Briefly described the Campbell system consists in the following, two principles of nature being involved—the movement of moisture in the soil by capillarity and its escape into the air by evaporation. The Campbell system aims to prepare the soil to admit all the meagre rainfall that is precipitated and then to retain it in the soil.

First, there must be deep plowing to create a reservoir for the moisture and to prepare the soil so that it will allow the rain to soak in readily. Then the subsurface soil must be firmly packed and the grain drilled in a tulle beneath the surface of the packed subsoil. Over this packed subsoil there must be about three inches of dust and this dust mulch must be kept in that condition during the growing season. The subsurface soil must be packed because moisture cannot rise readily through a loose soil, but by capillarity rises easily through a firm, well packed soil, thus bringing the moisture up to the roots of the grain. As has been stated, moisture cannot rise through a loose soil, so that the dust mulch checks the upward movement of moisture, keeps it from the surface of the ground and away from the dry air and hot sun. Thus by the Campbell method the moisture is allowed to rise to the plant roots but is kept from escaping into the air by evaporation.

Land in Colorado, Nebraska and other dry regions that was formerly the home of cacti and sagebrush, under the Campbell system is producing 23 tons of sugar beets to the acre and 54 bushels of wheat per acre without irrigation. Waving grain fields and fruitful orchards are now growing on the arid desert.

A. M. Drake of the P. B. D. Co., who has studied very carefully into the Campbell system, holds the opinion that because of the looseness of the soil in this vicinity, it may take three or four years to get the subsoil well packed and in a proper condition to retain the moisture, before which time the system could not have a fair trial. He expects, however, to see very favorable and noticeable results from the first year's cultivation.

The company's experiments with this method will be watched with much interest by farmers hereabout.

Lots of Water at Madras.
A larger and better flow of water was struck in the Isham well last week, than has been encountered in it heretofore at any time, and on Monday morning work could not be resumed in the well for the reason that it was impossible to pump

it dry. This is the largest well in the country, being fully 12 feet across the bottom and about 35 feet deep. Mr. Isham has been sinking his well deeper just as rapidly as he could, in order that he might secure an inexhaustible supply of water for the patrons of his well, and the latest flow of water looks more encouraging than any he has struck before this.—Madras Pioneer

FOUND DEAD IN BED.
Mrs. Mary A. Barnes Died from Heart Failure Tuesday Night.

Mrs. Mary A. Barnes, an old lady 65 years of age, was found dead in bed last Wednesday at her home in Laidlaw. Mrs. Barnes had been troubled for some time with heart disease and recently remarked that she would be found dead in bed some morning. Her statement proved to be a prophecy. The verdict of the coroner was that death was caused by heart failure.

Mrs. Barnes is the mother of Mrs. Rev. J. C. George and W. D. Barnes, both of Laidlaw. She will be buried today, the Rev. J. Anthony Mitchell of Prineville officiating at the services.

A PAINFUL ACCIDENT.
Head of Ax Flies from Handle and Badly Wounds Percy Walzer.

Last Saturday while Percy Walzer was working with a crew of surveyors running laterals in the vicinity of the Johnston ranch, he met with an accident that will lay him up for several weeks. One of the men was chopping with an ax not far from Percy, the head flew off and struck Percy on the inside of the right leg a few inches above the ankle. The blade struck the flesh and in its downward course cut a deep gash in the leg, cut into the ankle joint, and severed the ligaments and tendons of the ankle.

As soon as possible a team was gotten ready and the wounded man brought to town. News of the accident had been telephoned to Dr. Coe and he and Dr. Merrill were waiting at the Pilot Butte Inn, with everything in readiness, when the wounded man arrived. An anaesthetic was administered and the wound dressed. The wound has caused much pain since then, but the patient is doing as well as could be expected.

It was one of those unfortunate accidents against which it is hard to guard and for which no one is to blame.

CELEBRATES BIRTHDAY.
Master W. Hazen Grant Entertains a Number of His Little Friends.

August 22, 1902 August 22, 1906
On Wednesday afternoon at three. Come and celebrate with me. For on that day I'll be four, you see.
W. HAZEN GRANT.

The above unique little invitation was recently mailed to a large number of little folks by Mr. and Mrs. A. H. Grant, in answer to which a crowd of little folks gathered last Wednesday afternoon and helped Master Hazen celebrate his fourth birthday. They romped and frolicked on the lawn until 4 o'clock when Mrs. Grant called them to partake of the refreshments that had been prepared.

The favors for each guest consisted of a "snapping motto." This is a paper contrivance containing a motto and on being pulled open a pretty little paper cap was found. These each child wore. The table was decorated with a large mound of sweet peas in the center, on which stood, in all its glory, a large birthday cake with four burning candles. At the proper time Master Hazen blew out the candles and cut the cake. Dainty refreshments of ice cream, cake, etc. were served. Those present report that the children with their paper caps and gathered around the table made a pretty and unique scene.

Several presents were presented to Master Hazen in honor of the event.

Mrs. Grant had invited several lady friends and they joined heartily in the merriment of the occasion. In all 24 little folks were present.

NELSON VISITS CROOK
Oregon Trunk Line Promoter Examines Route.

STUDIES FREIGHT STATISTICS
W. F. Nelson and A. P. Cole Are Gathering Information about Crook County's Volume of Business.

W. F. Nelson, the man who is promoting the Oregon Trunk Line up the Deschutes river from its mouth, and A. P. Cole, a prominent railroad engineer who until recently has been connected with the Chicago, Milwaukee & St. Paul railroad, are spending considerable time during the past two weeks in Central Oregon going over possible routes of the Trunk Line south of Madras.

Messrs. Nelson and Cole were in Madras several days during the first of last week. They arrived there on Sunday afternoon, having driven over much of the territory from which the Nelson road expects to draw its tonnage, and on Tuesday they left for the country south, expecting to come to Bend. Mr. Nelson expressed himself as well pleased with the country over which he had passed, which shows up well in comparison with other wheat sections which felt the effect of the hot winds of last month.

Tuesday these gentlemen went to Prineville where several days will be spent looking up the tonnage that would probably be handled by a railroad building into that place.

Mr. Nelson occupies a unique position among the railroad builders who have their eye on the Central Oregon country, in that while he has made few promises, he is the only one of them who has so far done any actual construction work. He has two crews now at work on his line up the river, one at the Moody ranch at the mouth of the Deschutes and another at the Free Bridge nine miles higher up. Short on promises and long on actual performance, seems to be his dominating characteristic.

When in Madras, Mr. Nelson was very reticent as to their plans, and the date upon which they expected to have the Oregon Trunk Line built into Madras. "If we don't make any promises," he said, "there won't be any to break." He stated, however, that labor was hard to get now, but that inside of sixty days he thought plenty of men would be available, and that by that time he expected to greatly increase the working force. Upon one point he was quite emphatic, and that is that the Oregon Trunk Line will be built up the Deschutes to Madras, and that work will continue steadily to that end.

Mr. Nelson and Mr. Cole spent Monday out on the line between Madras and the mouth of Willow Creek gorge, returning in the afternoon and spending some time looking over the territory immediately surrounding that place.

Maps for Oregon Eastern Filed.
More evidence that Harriman is in earnest in his intention to build a road across Central Oregon was furnished last week when Harriman men filed maps at Burns showing definite locations of the first section of the Oregon Eastern road, running from Ontario west. A dispatch from Burns says:

"BURNS, Or., Aug. 17.—Attorney W. A. Robbin, of W. W. Cotton's office at Portland, representing the Harriman lines, arrived in Burns today and at once proceeded to file maps of definite location for a Harriman railroad to be built through Central Oregon. He refused to be interviewed, but it was learned, by referring to the maps, that surveys are now complete from Ontario to a point on Crane Creek, near the east end of Malheur Lake, but from that place the route of the proposed line has not yet been decided upon."

In connection with the filing of (Continued on page 4.)