

**Advertising Rates.**

LEGAL ADVERTISEMENTS:

First insertion, per line..... \$ 10  
 Each subsequent insertion, line..... 5  
 Business and professional cards..... 1 00  
 1 month..... 5 00  
 Homestead Notices..... 10 00  
 Timber Claims..... 10 00  
 Locals, per line each insertion..... 5  
 Display advertisement, an inch, 1 month..... 50  
 All Resolutions of Condolence and Lodge Notices, 5c. per line.  
 Cards of Thanks, 5c. per line.  
 Notices, Lost, Strayed or Stolen, etc., minimum rate, 25c. not exceeding five lines.

**RATES OF SUBSCRIPTION.**  
 (STRICTLY IN ADVANCE.)

One year..... 1.50  
 Six months..... .75  
 Three months..... .50

**The Tillamook Headlight.**  
 Fred C. Baker, Publisher.

**HARRIMAN MONEY TO FINISH ROADS.**

**Orders Probable for Completion of Coos Bay, Tillamook, Wallowa Valley, Willsburg Cut-off and Other Lines.**

That the proposed \$50,000,000 bond issue of the Union Pacific will provide for the completion of the Harriman projects now under way in this state is believed. That the issue of these bonds will mean the rapid completion of the lines in Oregon upon which work was suspended when the financial stringency arose last Fall is the hope of the people of this state.

Several important projects started by the Harriman lines are held up on account of the financial flurry. While work has been resumed on a number of the lines under construction last Fall, when work was ordered stopped, several important projects are still held in abeyance. These dormant projects involve the expenditure of about \$7,000,000.

**Complete Line From Drain.**

One of the most important lines upon which it is hoped construction will be resumed at an early date is that of the Oregon Western, the Southern Pacific extension from the main line at Drain to Marshfield, a distance of 81 miles. Some work has been done on this road, but much remains to be done, and it is estimated that two years would be required to complete it. The expense of building this line will be about \$3,300,000.

**Elgin-Joseph Extension.**

Another line upon which construction was stopped is the extension from the O. R. & N. at Elgin to Joseph in the Wallowa Valley, a distance of 63 miles. This road has been partially completed and means the expenditure of \$1,300,000.

The Beaverton & Willsburg, the cut-off between the West Side division of the Southern Pacific and the main line at Willsburg, near Milwaukie, awaits orders for the resumption of work. The distance to be built is 11 1/2 miles, and by this route it is planned to route freight from the West Side division through East Portland and across the steel bridge into the terminal yards, thus relieving the Fourth-street road of everything except passenger traffic. The cost of this line will be about \$153,000.—Oregonian.

A resolution providing for a popular vote on the question of establishing the initiative and referendum in Ohio by constitutional amendment has now passed both houses of the Legislature, and is expected to receive the governor's approval. It does not, however, contain the full programme of the advocates of initiative and referendum, for it merely submits to the people laws repealed or enacted by the Legislature or vetoed by the governor. For a vote on a new law the per cent of the voters must petition and for a repealed law 10 per cent must sign a petition. In both cases the petition must be signed in a majority of the congressional districts.

Pearl Harbor, situated on an island near Honolulu, another haven described as "the finest in the world," is to be made a naval station if the favorable report to congress goes through. A \$2,000,000 dry dock capable of receiving the largest warship in one of the improvements proposed. Uncle Sam will live up to his position in the Pacific, which is that of the greatest power facing that ocean.

The effect of the flurry on immigration was quick and marked. In the first seventy-four days of this year the foreign arrivals were 44,712 and departures 131,740. In the corresponding period of 1907 the arrivals were 125,052 and departures 43,642. It is evident that Europeans of the emigrating class keep closely informed about business conditions in this country.

**Holstein Cattle Association.**

(TO EDITOR OF TILLAMOOK HEADLIGHT.)

Representative Dairymen of Tillamook county, Or., favoring the Holstein cattle as the special dairy breed for this community, met in the City Hall, on Saturday, March 21st, 1908, for the purpose of organizing what is to be known as The Holstein Cattle Association of Tillamook County.

Officers were elected, to wit: Chas. Kunze, president; J. W. Maudux, vice president; and A. Benschmidt, secretary of that organization.

The efforts and object of this organization will be to encourage the breeding and introduction of the Holstein breed of dairy cattle and thereby promoting their own interest and serving the public in general.

To introduce the Holstein breed as dairy cows I will give a brief sketch of their origin: History gives that for over 3000 years the Holstein cattle have been bred on the fertile low lands bordering on the North Sea, viz: The Netherlands, Ostfriesland and the joining provinces of Germany, for the production of beef, milk, butter and cheese; and the results obtained shows the remarkable success of this simple unassuming Dutchmen.

Does it seem strange to us that after so many years of painstaking and intelligent breeding, they have produced a breed of such fine animals which stand without peers in the front rank as milk and butter producers of the world?

The black and white cow to day is found in all civilized countries. We find her in the extreme northern latitude of Canada, as well in the tropical South of Mexico, and she is gaining fast in favor in our western country.

It is claimed as a breed she probably produces more butter and cheese than all the other breeds combined, if her milk is not as rich in butter fat as some of the other breeds; she still holds the world's record for butter production. She is recognized as the ideal cow for cheese, where the Jersey is preferred to butter making.

Now if we consider that cheese making is fast becoming a speciality in Tillamook County, we no doubt will ask the question as intelligent and economic producers: What is the best breed of dairy cows for this community? Little has been done to solve this question from an economical stand point. Some dairymen have taken a decided liking for the Jersey cow as a dairy type, because she gives milk rich in butter fat. But we take the two breeds, the Jerseys in her milk, the fat globules are large and respond very easily to gravitation and the cream separates quick; on the other hand we take the milk of the Holsteins, the globules are considerable smaller and more uniform and separation is very slow; consequently in cheese making the milk of the Holsteins cow is readily absorbed in the curd, and comparatively little butter fat is lost. Also we know that Jersey's milk by being transported for a distance by continuous churning some of the cream has been separated into little chunks of butter. Under such condition in cheese making a good deal of butter fat will be lost to find its way to the whey tank to make expensive hog feed.

The theory advanced by some that solid and butter fat stand in the same ratio, or the more fat, accordingly the more solids does not work out all together right by practical experiments. The casual observer knows that in the latter period of lactation, when milk is richer in fat, the yield in cheese in proportion is less than under normal conditions.

If we measure milk as its commercial value by butter fat, no doubt, the milk rich in fat is the most valuable. But, if we consider that fat has little food value compared with the other ingredients in milk. For instance, does we value a pound of meat by the amount of fat it contains? Decidedly not. It is the portion and other valuable ingredients it contains for building up and repairing tissue. As milk becomes more an article of human food we should take more in consideration the other ingredients it contains besides butter fat. Analysis has shown that food values, not fat, is practically the same in various milk. Does not it appear that the Holstein cow is the most preferred cow to own?

We need a dairy cow what will answer all purposes best. We need a cow which has a large capacity in consuming a great amount of roughage to be turned into milk and finished into dairy products.

The Holstein cow will answer that purpose more so than any other of the known dairy breeds. Her average weight is from 900-1100 lbs., and as stated, she gives a big flow of milk. In regard to her size and temperament the Holstein cow also answers well in the production of beef. She fattens very easy, and the contemplated location of packing plants by the Swifts, Armour and other large concerns on this coast, will give a better market and better prices for our beef cattle, and should be considered, and is a big item in favor of the black and white cow. The Jerseys with their delicate constitution will make little showing in this case.

To be successful dairymen we should follow certain lines in regard to breeding. One or two breeds should take the lead in milk production. As a locality it would give us a decided advantage, it would give a market for our young stock. We would gain a reputation

with buyers, knowing that they could purchase a uniform lot of the same breed in one locality. For instance, where Madison Co., Wisconsin, is the head quarters for Guernseys; at Lake Mills you will find the Holsteins. The dairymen of those places, by judicious breeding and making a specialty in one breed, gained a famous reputation and a big demand for their young stock, bringing the dairymen of that section over \$100,000 a year in revenue for the sale of dairy cattle. Cannot we do as well in Tillamook with the boast of our fine dairy country? What a wondrous waste we are practicing. Just think of the thousands of heifers and bull calves we are killing every year to get rid of them. They could be profitably raised, if better blood was infused in our dairy herds. We raise scrub heifers, worth 25 dollars at two year old, when butter fat averages over 30c. per pound. Pure breeds will bring from \$75 to \$100 and an unlimited demand.

In conclusion will state, let those who favor the Holsteins follow in that line and help this organization by giving it their support. It is not so much the particular breed to gain success in this matter, there are good performers amongst all the prominent dairy breeds. A cow what produces butter fat at a fair profit is a good cheese cow and vice versa.

A. BENSCHMIDT

**TIME CARD**

**Astoria & Columbia River R. R. Co.**

*28	*24	*22	*20	*18	*16	*14	*12	*10	*8	*6	*4	*2	*0
a.m.	a.m.	a.m.	a.m.	a.m.	a.m.	a.m.	a.m.	a.m.	a.m.	a.m.	a.m.	a.m.	a.m.
8:00	7:20	6:40	6:00	5:20	4:40	4:00	3:20	2:40	2:00	1:20	0:40	0:00	0:00
p.m.	p.m.	p.m.	p.m.	p.m.	p.m.	p.m.	p.m.	p.m.	p.m.	p.m.	p.m.	p.m.	p.m.
8:00	8:20	8:40	9:00	9:20	9:40	10:00	10:20	10:40	11:00	11:20	11:40	12:00	12:00

Trains marked \* run daily.

Trains Nos. 25, 27 and 29 from Clatsop Beach, and trains Nos. 28, 30 and 34 from Astoria, run via Ft. Stevens.

Astoria, run via Ft. Stevens, 3:10 p.m.; is Saturday Special, stopping at Goble, Rainier, Clatskanie, Astoria and Beach points, only.

Train No. 26, from Portland, 3:10 p.m.; with all trans-continental lines. At Goble, with CONNECTIONS—At Portland, with all trans-continental lines. At Goble, with Northern Pacific Railway Co. At Astoria, with steamers for San Francisco and Tillamook and Ilwaco Railway & Navigation Co.'s boat and railway.

Through tickets sold to and from all points in the East and Europe.

For further particulars apply to R. H. JENKINS, Genl. Frt. & Passgr. Agt., Astoria, Or.

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**W. A. WILLIAMS & CO.,**  
 Next Door to Tillamook County Bank.

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 126 Fifth Street, Portland.  
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**NOTICE TO THE PEOPLE OF TILLAMOOK CITY AND COUNTY.**

**THE RED FRONT SHOE STORE**

**WILL SELL ALL STOCK ON HAND AT COST.**  
 Strictly for Cash Until Further Notice.

So as to make room for a large stock for Spring and Summer Shoes that will shortly arrive from Chicago. Come and get Bargains out of the largest and best selected stock of Shoes in the City.

**P. F. BROWNE, Agent.**

**EVERYTHING FOR PHYSICIANS' PRESCRIPTIONS.**

We specialize on prescription compounding and therefore carry a stock which represents everything that physicians hereabout are likely to prescribe. All new worthy pharmaceuticals are here as soon as out and our line of prescription drugs is complete at all times. Only goods of highest purity and quality are ever used.

Physicians who are acquainted with our stock and methods invariably feel sure of best results from the medicines they have prescribed when they see our label on the bottle.

Expert services day or night. Prices as low as anywhere. May we fill your prescriptions?

**CHAS. I. CLOUGH,**  
 Reliable Druggist,  
 Tillamook, Ore.

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*28	*24	*22	*20	*18	*16	*14	*12	*10	*8	*6	*4	*2	*0
a.m.	a.m.	a.m.	a.m.	a.m.	a.m.	a.m.	a.m.	a.m.	a.m.	a.m.	a.m.	a.m.	a.m.
8:00	7:20	6:40	6:00	5:20	4:40	4:00	3:20	2:40	2:00	1:20	0:40	0:00	0:00
p.m.	p.m.	p.m.	p.m.	p.m.	p.m.	p.m.	p.m.	p.m.	p.m.	p.m.	p.m.	p.m.	p.m.
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