Cillamook Herald.

ISSUED TWICE A WEEK-TUESDAY AND FRIDAY LARGEST CIRCULATION OF ANY PAPER IN TILLAMOOK COUNTY

L. XXII.

TILLAMOOK, OREGON, OCTOBER 15, 1915.

NO. .77

The First National Bank

Capital and Surplus \$30,000 Member Federal Reserve Bank

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L.C. Holden, Vice Pres.

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PRICES FROM 25cito \$1.50

Weguarantee it

The Tillamook Drug Store



Hew many a young man is kept back from promotion or a or partnership because he does not save a part of what he

The man who SAVES is "a man who gains the GONFI-NCE of his employer and gets advanced ever the extravaman who works by his side.

The BANKING habit is the best habit a man can acquire.

Make OUR bank YOUR bank.

We pay 4 per cent interest on Savings Deposits. Tillamook County Bank

ek and dairy farm to rent; four! About 1000 men are new working on

rom Tillamock. A. B. Snider, the Oregon Bactern Railway from Riverside to Harriman.

TEUTONIC TROOPS CAPTURE BELGRADE

Crossings at Four Points on Embargo on Exportation of Danube Below Semendria Forced.

Herlin, via London-Teutonic troops invading Serbia have captured the greater part of the city of Belgrade, it was officially announced.

It also was announced that the Teutonic troops were driving the Serbians toward the south, after crossing the governments. Danube at four points below Zmen-

These announcements were contained in a section of the statement by German army headquarters, which

The main sections of two armies of the newly formed group under Field Marshal von Mackenson have crossed the Save and Danube rivers. After it may be done by formal notification the German troops of the army of the to Eliseo Arredondo, authorized rep. Royal and Imperial infantry, under General von Koeves, had captured Ziguner island and the hills southwest of Beigrade, the army succeeded in suit quickly in an order of embargo c bringing the greater part of the city of Beigrade into the hands of the al-

The army of General von Gallwitz has forced crossings over the Danube at four points on the section below Semendria and is driving the enemy in front of it toward the south."

The Serbian city of Semendria, on the Danube east of Belgrade, has been captured by the Germans.

The war office announced that both the town and fortress of Semendris were captured. The Austro-German force's forward movement upon the whole Serbian front is making good

GERMANS AND ALLIES ASSERT SUCCESSES

London-Official reports from Paris and Lerlin both assert gains in the much-contested region of Tahure, where the French recently captured the village and an important height The German war office says:

"The Germans, by a counter attack, re-conquered near Tahure, in the Champagne territory, on a front of four kilometers (about 256 miles) and 100 meters deep."

The French report says of the fighting in this region:

"in Champagne we are still making progress to north of Tahure. A brilliant assault made us masters of a new German trench to the southeast of the village."

The Germans report captures or trenches near Souchez. The French tell of violent struggles with bombs and torpedoes in the Vosges and intense bombardment by both sides in the Argenne. The French report adds:

"One of our air squadrons dropped about 100 large shells on the stations at the rear of the Champagne front and on enemy troops who were coucentrating."

GREECE TO AVOID WAR

"Armed Neutrality" Will Protect Vital Interests.

London.-The Greek chamber was informed by Premier Zaimis that in order to better assure the vital interests of Greece, her neutrality will, "for the present be armed," says a Reuter dispatch from Athens.

The premier added that the future course of the ministry will be adapted to meet events as they occur, and expressed the belief that the government's course has the support of the people.

Former Premier Venizelos replied to M. Zaimis, making an extended defense of his policies and stating it was essential that Greece enter the war against Bulgaria. He concluded his address with the wish that the policy of the present government might prove to be better than his own.

Germans Hammering at Dvinsk. London.-The Gormans are still hammering at the positions before Dvinak, their latest effort being to force the Dvina river 10 miles above the city. Elsewhere, Russian' forces are attacking fiercely, particularly in eastern Galicia. Here they are reported to have won a considerable vic-

FULL RECOGNITION TO BE GIVEN CARRANZA

Arms to Enemies Will Follow.

Washington,-Recognition of the party led by General Carranza as the de facto government in Mexico wa unanimously agreed on by the Pan American conference as the step be recommended to their respective

Official advices have been receive here that the governments of Argen tine, Brazil and Chile are in accord with the decision of the United State. to grant recognition to the party leby General Carranza as the de fact. government in Mexico.

The form in which recognition is to be accorded has not been decided, by sentative here of the Carranza gove. ment. Extension of recognition is o pected within a week. This will : arms to factions opposed to the Carranga government, which will maially weaken the resources of the VII

George Carothers, American consar Agent, telegraphed the state partment the substance of a lone terriew he had had with General v. at Jearez, at which the latter explued that he intended to continue Lab ing Carranga.

Washington-President and Mrs Norman Gan, his tix can be much Washington much plane with the reception accorded them in New York and Philadelphia on their first public appearance since their engagement was announced. The completdefeat Philadelphia in the world series and joining with 20,000 of

ered on the trip and now believed to in both instances. have been practically decided, provide It is reported the event may take here check very closely with those from other sections.

place within two weeks. Firends of both have told them that

The wedding will be strictly on the quiet, and few, if any, invitations will

CANAL SLIDE IS ENORMOUS

Hope of Opening Waterway Before First of Year Abandoned.

Panama.-A careful survey of the siide area in the Galilard cut reveals the fact that there are probably 10,-\$00,000 cubic yards of earth in motion, which must be taken out by dredging operations before a permanent channel through the cut is probable.

This is the conclusion reached by the canal engineers, who concede that there is now little hope of opening the waterway, even for temporary use of shipping, much before the first of the year. The present rate of wot excavations is a million yards a month and this would require not less than ten months to remove the mass, which is now sliding into the casal considerably faster than the dredges can take

TILE YOUR FARM. The Tillamook Clay works make the test and cheapest tile obtainable.

LAMAR'S

Variety Store

Tillameok, Ore.

"DROP IN AND

LOOK AROUND"

HIGH VS. LOW TESTING MILK FOR CHEESE MAKING

Last May the Directors of the Tillamook Creamery Association decided to have a test conducted to show the difference, if any, between the cheese making capacities of high and low testing milks. The reason for this action was the feeling, on the part of some of the patrons, that all were not getting a s juare deal when paid for cheese milk on the butter fat basis. A committee was appointed to arrange for the test and they saked the writer Ito assist Mr. Hugh Barber, the maker at Fairview Factory in conducting it. The factory was at the time receiving a little over 20,000 lbs, of milk and t at from the highest testing herds was made up in one vat and from the lowest testing herds in another. The herds with the medium test were not included in the trial.

The results of the four days trial were as follows:

			ing Milk Ibs cheese from press		lbs milk		Testing Mill lbs cheese from press	Ibs
5-24 5-25	9924	196.0	568.	when	6023	259.0	708.	when
5-25	5909 5013	206.8 180.47	603. 518.	fined	5678 5327	244.15 231.72	672.	para- fined
5-27	4791	172.5	495,		5663	246_3	669.	
	21100	755.77	2184	2161	22691	981.17	2678.	2649.

versite test: 3.55 per cent fat Yield per cwt. milk 10.3 lbs cheese Yield per pound fat 2.89 lbs cheese

4.3 per cent fat 11.8 pounds cheese 2.73 lbs. cheese

Thus we see that in this four day test the high testing milk yielled 1.5 lbs. more cheese per hundred of milk than the low but that the low testing milk y sided .16 lb. more cheese per pound of butter fat. These figures check very elosely with those of Prof. Van Slyke of the New York Exp. Sta. except that our yields were higher in both cases. Prof. Van Slykes Figures

cheese per 100 milk per cent fat per cent casein cheese per lb fat 3.00 2.10 2.77 2.30 2,70 2.63 12.90 2.90 5.00

The increased yield per hundred of milk is easily explained by the fact that the casein increases with he fat but it does not increase in proportion with the fat, therefore the yield per pound fat decreases as the fat increases if the casein increased in proportion to the fat the 5 per cent milk in the above table should have 3.5 percent casein when compared with the 3 per cent milk.

On July 7th, two cheese were sent to the Portland Cheese Co. and four to the Dairy Dept. of O. A. C. for scoring and analysis. These cheese were judged by three different men with the result that the ones from the low testing milk showed an average score of .833 points above these from the high testing milk. This slight difference might easily have been caused by something besides the composition of the milk although the two vats were manipulated alike, as far as possible. The analysis of the cheese showed, for the low testing milk 32.93 per cent fat and 26.23 per cent water and for the high testing milk 31.21 per cent fat and 25 96 per cent water. This analysis is reversed from what we should expect according to Prof. Van Slyke's book on chees but the chemist is willing to vouch for the figures and as he knew nothing of what we were trying to get at, we have no reason to doubt his accuracy.

The loss in the whey was found to be .2 per cent fat for the low testing milk and .25 per cent fat for vat number 3. This figures fout practically the same percentage of the total fat lost in both cases, giving no advantage to e ther milk in that respect.

On the last day of the test the patrons were asked how many cows were furnishing the milk that went into each vat and the yield of milk, 2fat and ch ese per cow was determined. Of the 4.3 per cent milk, 201 cows furnished ed two busy days by watching Boston | 5661 lbs., containing 246.3 lbs. fat and making 669 lbs. cheese or an average per cow of 28.2 lbs. of milk, 1.25 lbs. fat and 3.3 lbs. cheese. Of the 3.5 per eant milk 150 cows furnished 4791 ths. containing 172.5 lbs. fat and making 495 fans in applauding spectacular plays. Ibs, cheese. This is an average per cow of 31.9 lbs. milk, 1.15 lbs. fat and 3.3 it became known that plans conside los, cheese, showing that the amount of cheese per cow per day was the same

This test has added nothing new to the knowledge of the dairy world but, for the wedding at a date that may I believe, was worth while in that it has shown that the difference between surprise their friends and the country. the herds is not so great as was thought by some and that the results obtained

Do not give up the fat basis of paying for milk at your factories until you are sure you have so nething better to put in place of it. By no means go to avoid continual newspaper stories back to the old system of paying for weight alone as it is grossly more unjust the wedding should be held promptly. than the present one. Take for example, two men delivering milk as follows:

A 100 pounds of milk testing 3.5 per cent fat and B 100 pounds of milk testing 4.3 per cent fat.

be extended beyond the immediate According to our yields this would make 22.1 lbs. cheese which if it sold for He and cost 3c to make would leave \$2.43 to be divided between them they would receive.

Fat de ivered cheese made checks rec'd per lb cheese rec'd per lb fat 11.8 On fatibasis:

The difference in price of cheese made from the two milks; is 1.5 c when paid by weight method and only 7.7c when paid for fat. so the error is doubled. would recommend that a committee be appointed to study the different systems of paying for milk at cheese factories and report at some future meet-Roy C. Jones.

County Agriculturist.

SUMMARY OF ASSESSMENT ROLLS.

As Equalized by the Board of Equalization-Assessment is \$20,319,885.

Assessor C. J. Johnson has completed the assessment year 1015, the assessment for the county being \$20,319, 885, as	rolls for the
No. acres tillable land, 16,495	\$ 2,301,940
No. neres non-tillable land, 170,912	2,287,995
No. acres timber land, 421,157	11,902,330
improvements on deeded lands,	348,315
Town and City lots, 36,998,	1,925,225
Improvements on Town and City lots	393,980
In provements on land not deeded	250
Steamboats, Sailboats, Stationary Engines and Manufacturing	
Machinery	192,260
Merchandise and stock in trade,	165,040
Farming implements, wagons etc.,	31,180
Automobiles,	
Lumber,	0,200
Salmon	13,400
Libraries	3,330
Labraries	8,230
Money, Notes and Accounts	\$17.5 mm PROPERTY
Shares of Stock,	
Hotel and office furniture,	81,500
Horses and Mules, 1,533	03.590
Fanny 8.014	330,000
Castle 2 112	50,305
Chaen 37 .	. 90
Goats \$28	795
Swine LOOL	1.9/5
Dogs, 9,	175
THE PARTY OF THE P	

Total \$20,310,885 The above does not include Public Service Corporations, which are

as all by the State Tax Commission.