Properties For Sale

Wiley Street—One Frame House, 6 Rooms, 1 bathroom, with kitchen addition, 10x20; Good cellar, newly painted outside this spring, decorated inside last year; Lot about 35x90. A snap at *$2,600;* terms

Nelson Street—One House, 6 Rooms and bathroom, with kitchen addition, 10x20; good cellar; Lot about 32x132; good value at *$2,500;* terms.

Woodland Avenue—2 Frame Houses, 6 Rooms and bathroom with kitchen addition; 10x20, good cellar; Lots about 35x80; well worth the money; *$2,500;* terms

Russell Avenue—One Pebble-dash House; 6 Rooms; 3-piece bathroom; good cellar; hot air furnace, chestnut barn, lot about 33x78. A bargain at *$3,200;* terms

Russell Avenue—2 Frame Cottages; 4 Rooms; cheap at *$1,500* each; terms to suit.

FOR PARTICULARS AND TERMS APPLY

The St. Catharines Improvement Corporation, Limited

49 St. Paul Street - - Phone 1107

DEPARTMENT SOLDIERS' CIVIL RE-ESTABLISHMENT

It is notified for the information of men discharged from the Canadian Expeditionary Force who require Medical Treatment that

DR. J. SHEAHAN

will act as Medical Representative of the Department Soldiers' Civil Re-Establishment in and for the

City of St. Catharines

English Health Salts
Large Cans 35c

Camphor Flakes
Pound Packages 25c

Moth Balls
Per Pound 30c

Water Glass
Per Pound Can 18c; 2 Lbs. 35c

WALKER'S EAST END DRUG STORE
297 ST. PAUL STREET

COL. WINDEYER FOUND DEAD IN HIS BED

TORONTO, June 11.—Lt.-Col. R. C. Windeyer, organizer of the 74th Battalion, and for some time attached to the Assistant Adjutant-General's Department at Exhibition Camp, was found dead in his bed yesterday.

Colonel Windeyer had been spending the night with his brother, Walter F. N. Windeyer, at his cottage on Wards' Island, and had felt perfectly fit the *evening before. On Moday he was aat* the office as usual. Doctors pronounced death due to heart failure. Coloel Windeyer's wife and family, who *were at his residence in Oakville,* were notified immediately.

CASE WAS ADJOURNED

Teh first case heard at the sessions at two o'clock Tuesday afternoon was A. C. Russ, Montreal, making claim on Andrew W. Eichmeirer of Jordan *Station for a damaged car of fruit* shipped last summer. Ingersoll and Kingstone appeared for Russ, while James Campbell appeared for Eichmeirer. The only witness sworn was A. C. Masson, in favor of Russ, who was present when the car was unloaded at its destination. The case was adjourned until the next sitting of the court.

DR. ARTHUR B. COBB
Dentistry

Of all tests of real merit the test of time is the greatest.

Anything that lacks merit can not survive the test of passing years.

Our Dental Offices have stood the test of time. We have been established in Buffalo for more than twenty years, and with each passing year our business has expanded and our fame for skilled Dentistry has spread.

Patients of twenty years ago are still our patients, and they have remained loyal to us *only* because we have served them faithfully. If your teeth require Dental attention and you recognize the *great importance of having a skilled* Dentist to treat them, it is to this Office that you may safely turn, well knowing that you will receive the best of care promptly and at the lowest cost.

Offices 368-378 Main Street, Corner of Eagle
Open until 8; No Sunday work.
Phone: Seneca 405.
Known formerly as White Dental Office.

KING GEORGE THEATRE

TODAY and THURSDAY
The Goldwyn Pictures Present
Geraldine Farrar
In Her Supreme Screen Triumph
'The Stronger Vow'
The Wild Rider
One of the Cyclone Smith Adventure Stories. Featuring EDDIE POLO
THE CHRISTIE COMEDIES
The Arbuckle Comedies
Mat. 10c; Eve. 15c and 10c

GRAND TRUNK RAILWAY SYSTEM

Double Track Route
Between
Montreal, Toronto, Detroit and Chicago
Unexcelled Dining Car Service

Sleeping Cars on night trains and Parlor Cars on principal day trains.
Full information from Grand Trunk Ticket Agent, or C. E. Horning, District Passenger Agent, Toronto, Ont.

C. J. HARRIS - - Agent
106 St. Paul Street
Phone 947

USE A HYDRAULIC RAM

Now Recognized As the Cheapest Power for Pumping.

When and How It Is Used—Complete Information Given — Tubercular Cows a Menace to Health—How Tubercular Test Is Made — Why It Pays Farmer to Test Cattle and to Discard Reactors.

(Contributed by Ontario Department of Agriculture, Toronto.)

WHERE conditions are suitable for an hydraulic ram it is without question the cheapest and most satisfactory method of pumping water. It has one drawback—it wastes far more water than it pumps to the buildings, and hence can only be installed where the supply is from five to twenty times as great as required at the buildings. The efficiency of the ram is from 65 to 90 per cent., *i.e., it uses 65 to 90 per cent. of the* energy of the falling water. Suppose the spring supplies 10 gallons per minute and the fall from the spring to the ram is five feet. Multiply *these together and then take 65 per* cent. of the product, and we have the energy available for driving water to the buildings.

Energy in this case 65-100 x 10 x 5 *foot-gallons*—32.5 foot-gallons. Now divide this by the height of the buildings above the ram and we have the number of gallons the ram will deliver per minute at the buildings. *If, for example, the height is 32.5* feet then

Number of gallons per minute—32.5 divided by 32.5—1 gallon, which is 1-10 of the water supplied by the supposed spring.

Number of gallons per day—60 x 24—1,400 gallons (about 29 barrels). Consequently with five feet of head and 32.5 feet of lift the ram will deliver at the buildings 1-10 of the water in the spring. The quantity that will be delivered with other *heads, lifts and spring-flows may be* calculated in a similar way.

Generally speaking it is found that for each 10 feet of lift there should be one foot of head, but there is a *limit—it is seldom advisable to in*stall rams where the head is less than two feet, although they have *been known to work with as little as* 18 inches. The length of drive pipe should not be less than three-quarters of the vertical lift to the buildings, nor less than five times the fall *from the spring to the ram. It may* however, be longer, but seldom exceeds 50 feet, and 75 feet might be taken as an extreme length for sizes of ram suitable for farm conditions. *If too long a drive pipe be used,* the extra friction in it prevents the water from striking as heavily or as frequently as with a drive pipe just the right length.

The cost of installing a ram is not great. For the smallest size of ram it will run in the neighborhood of $25 to $35 and about $15 extra for each hundred feet between the spring and the ram. Thus if they were 100 feet apart the total cost would be from $40 to $50, but if *200 feet then from $55 to $65,* and other distances in proportion. The largest size of standard ram can be installed at about $100 if the ram and pump are 100 feet apart, and *$125 if 200 feet apart.*—R. E. Graham, B.S.A., O. A. College, Guelph.

Tuberculosis In Cattle.

One reason why farmers should have their cattle tested for tuberculosis is the financial loss which they suffer by having *tubercular animals in their herds.* As the disease is at first slow in development and does not induce sudden death, like anthrax, black leg or hog cholera, the farmer does not realize the loss that he endures by having tuberculosis in his herd until one or more animals develop the disease in an advanced degree and die or are slaughtered, when they are at *once seen to be rotten with the dis*ease. Such animals will have had the disease a long time without it being suspected and will have been giving off in their milk, saliva and droppings, large numbers of tuberculosis bacilli. In this way the bacilli are spread around, the food, water and atmosphere in the stable get contaminated with them and other mem*bers of the herd contract the disease* from these contaminated materials.

The tuberculin test will indicate whether or not an animal is tuber*cular long before any clinical symp*toms are visible, thus enabling one to deal with such an animal before it becomes a dangerous spreader of the disease.

When an animal is shown to be *tubercular it should not be allowed* to mix with the rest of the herd. When cattle are purchased, to add to the herd it should be only when subject to the tuberculin test, as cattle may have every visible indication of good health and yet be tubercular, the disease not yet having developed *to an advanced degree.*

It is therefore strongly recommended that farmers

1st. Have their herds tested for tuberculosis with the tuberculin test.

2nd. That they slaughter the animals that have the disease in an advanced degree.

3rd. That they separate the cattle that react to the test from those which do not react.

4th. That they remove the calves from tubercular mothers as soon as dropped, and feed them on milk from healthy cows or on their mother's milk after it has been properly pasteurized, i.e., after it has been heated to 145 deg. F. for half an hour.

5th. That they apply the tuberculin test to every new purchase of cattle that are to be placed in the clean herd.

6th. That the herd be tested with tuberculin annually.

Obtaining Tuberculin For the Test.

The manufacture and supply of tuberculin is kept under the Dominion Government control. It is required that a veterinarian be employed by the farmer to make the test.—*Prof. Dan. H. Jones, Ontario Agricultural College, Guelph.*

Premier Lloyd George has received the South African Nationalist delegates and informed them that Britain can take no action upon their demands.

Rates for Telephone Service

THE new rates for Long Distance Service, effective *May 25th* and based upon air-line mileage, correct inequalities in the old schedule and embody both increased and decreased charges.

Following is a comparison of old and new rates for a 3-minute talk to points most frequently called by local subscribers:

	OLD RATE	NEW RATE
St. Catharines to Hamilton	$ .30	$ .30
Toronto	.40	.30
Brantford	.40	.40
London	.60	.70
Guelph	.40	.45
St. Thomas	.60	.70

The hours during which reduced Long Distance rates (night rates) are in effect are now

From 8.30 p.m. to 11.30 p.m., 60 per cent of day rate
From 11.30 p.m. to 6 a.m., 40 per cent of day rate
Night rates are based on Standard Time

LOCAL SERVICE

Rates for local service to present subscribers will be increased *ten per cent*, effective from July 1st next.

Applicants for service will be charged at the increased rates, from May 25th.

Every Bell Telephone is a Long Distance Station

The Bell Telephone Co. of Canada

VICKERS-VIMY IS READY FOR FLIGHT

Test Made at St. John's Was Entirely Successful—Await Good Weather

ST. JOHN'S, NFLD., June 11.—The Vickers-Vimy entry in the London Daily Mail's $50,000 transatlantic flight competition made a trial flight here today. The machine, piloted by Capt. "Jack" Alcock, took the air at 5:47 p. m. local time and descended 40 minutes later after a highly successful test.

With motors runnig perfectly the *big plane cruised over the city and* surrounding country, and then headed out to sea for about 20 miles, returning at great speed.

A landing was made at the new Vickers-Vimy airdrome near Rope Walk, where the machine will await suitable weather for the transatlantic attempt.

Capt. Alcock said that the test was entirely satisfactory and that he had been especially pleased with the performance of his wireless equipment.

DO IT NOW

(Philadelphia North American)

If with pleasure you are viewing
any work a man is doing,
If you like him or you love him, tell
him now.
Don't *withhold your approbation till*
the parson makes oration
As he lies with snowy lillies o'er his
brow;
For *no matter how you shout it, he*
won't really care about it;
He won't know how many teardrops
you have shed;
If *you think some praise is due him,*
now's the time to slip it to him
For he cannot read his tombstone
when he's dead.
More than fame and more than
money is the comment kind and
sunny
And the hearty warm approval of a
friend.
For *it gives to life a savor, and it*
makes you stronger, braver,
And it gives you heart and spirit to
the end.

If he earns *your praise—bestow it;*
if you like him let him know it
Let the words of true encouragement
be said;
Do not wait till life is over and he's
underneath the clover,
For he cannot read his tombstone when
he's dead.

The Detroit Street Railway strike still continues. Auto owners are giving free rides to citizens.

The French Chamber of Deputies yesterday expressed confidence in the Cabinet by a vote of 276 to 137.

Electric Water Systems for Rural Homes

GIVES—A modern bathroom, hot and cold water at your finger tips.

An indoor closet, properly flushed by an abundance of clean water.

Hot and cold water in the kitchen a saver of time and labor.

Water for the stock, or to wash your car in fact water where you want it.

See the Paul System, (it is not an experiment) at

J. H. SANDHAM COMPANY
ELECTRICAL DEALERS
237 St. Paul Street - Telephone No. 1112

Tires! Tires! Tires!

Single Tires at Wholesale Prices. The Cheapest Tires Ever Sold in the City.

We buy and sell Second-hand Cars.

30—3½ Plain $14.50;	Non-Skid	$17.00
32—3½ Plain 18.50;	Non-Skid	20.00
3[illegible]—4 Plain 24.50;	Non-Skid	26.00
32—4 Plain 25.50;	Non-Skid	27.50
33—4 Plain 26.50;	Non-Skid	29.00
33—4 Plain 28.00;	Non-Skid	30.00
34—4½ Plain 34.00;	Non-Skid	37.00

Sizes to 37 x 5 at Cut Rate Prices

Every Tire Bears the Manufacturers' Name and Serial Number

Orders Taken For Sand and Gravel

St. Catharines Tire Co. - - 42 Geneva St.

The Wide Outdoors

pure health-giving air and miles of beautiful surrounding country are yours for the asking, if you own a car.

Of course, you want the tires kept up in good condition and don't want to entrust them to bungling amateurs.

That's why you'll be interested when you meet with a puncture, tcu or other tire troubles in our work in

Vulcanizing

We have ample facilities for vulcanizing tires and tubes. The latest machinery, tools and equipment, backed by fifteen years' experience in the tire industry, place us in a positionot give you the very best results.

Phelan's Vulcanizing Works
Rubber Tires For All Vehicles — Tire Repairing of All Kinds
Opp. Glen Ridge Bridge — We Sell Tires of All Makes!
20 St. Paul St. W. — Phone 734 — House Phone 732
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