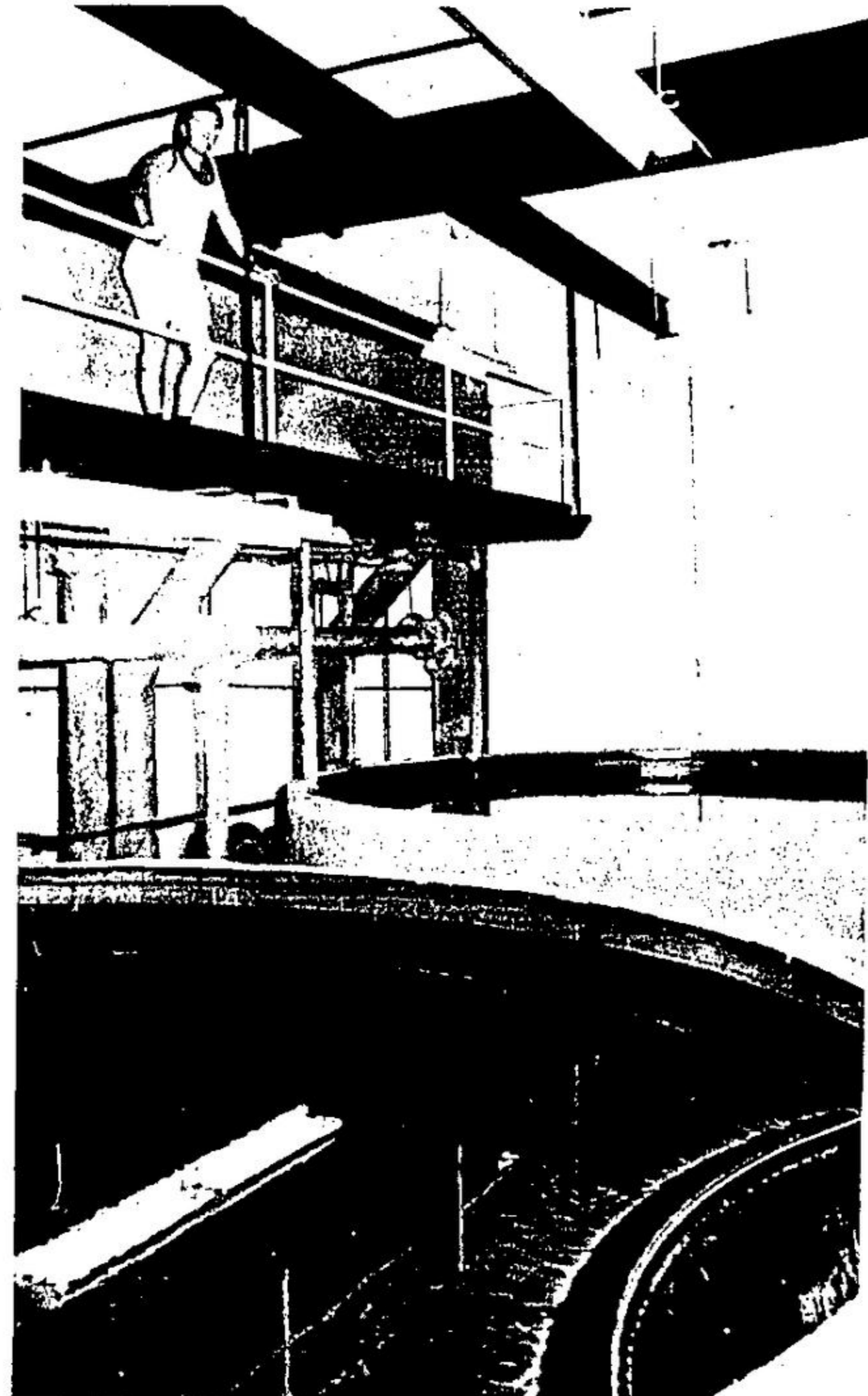


Hey dad, where does water come from?



By Richard Forster Staff Reporter
 Georgetown what did you do with three million gallons of water?
 Well, if you did what other municipalities did on that hot, muggy day of July 1, you watered the lawn and the kids, washed your car, topped off the swimming pool, and oh yes, drank a few glasses of the cold clear stuff, for an exact total of 3,537,000 gallons.
 That day has gone on record as being the heaviest day for the consumption of water thus far this year. "August is usually the heaviest month, with many record days," noted Wright Smith, operator of the Maple Avenue pumping station. "Last year on August 2nd we pumped 3,213,000



gallons over the 24-hour period." While farmers have been complaining about the lack of water over the summer period the Georgetown wells have had

an abundant supply. No restrictions have been placed on lawn watering and car washing as in the past and according to Mr. Smith there probably won't be during the summer of '75.

Georgetown has six wells feeding the populous, all located within the town limits. The largest of the operating wells is number six, located on Princess Anne Drive with a capacity of 2,000 gallons per minute. The pumps at Cedarvale operate most of the day and night and function as the main source of water for the town.

Three wells are at Cedarvale, one on Maple Avenue, directly across from the pumping station and two on Princess Anne.

Water from the wells is pumped to the station for treatment and is then stored in the water tower in the industrial park or in the reservoir on the pumping station site.

The water tower serves two roles in the Georgetown water system. Storage of half-a-million gallons in the 40-foot depths of the tank, plus the added pressure exerted by the weight of the water suspended 100 feet above the ground lessens the burden on the three pumps at the station.

"The system, as it stands now, can pump up to six million gallons per day. If the water is there," explained Mr. Smith. "We have no way of knowing how much water is in the well at a given time. We can measure the depth of the water in the well but you can never tell what is in reserve in the ground."

One of Georgetown's oldest mysteries will probably never be solved. It involves the town's water supply and the chlorine taste every Sunday night after the supper hour.

Many residents joke about the "little old man" who dumps the chlorine into the water and picture him laughing as he stands amongst a pile of empty bleach bottles.

"I can't explain what happens," said Mr. Smith who has been with the works department for three years and a Georgetown resident for many years before that. "It can't be explained. It does not effect every house. You may notice the taste but your neighbor doesn't and all the water comes from the same place."

Chlorine and fluoride are fed automatically into the system as the water is treated at the station throughout the day and night, not just on Sunday evenings. Chlorine is fed in as a green gas while fluoride is put in as an acid mixed with the water.

Two huge iron removal tanks occupy the newest part of the building to lower the high iron content of the water and also filter and aerate the water before chlorination.

"The water is about 40 degrees F as it comes from the well," furthered Mr. Smith. "In winter the pumping station and the well sites are heated but during the summer it provides natural air conditioning."

Three pumps provide a constant pressure of between 110 and 120 pounds per square inch as it leaves the station. During times of non-peak times only the pumps required to maintain adequate pressure will be running and will automatically "kick-in" when required.

In the event of a power failure a large diesel power pump is ready for stand-by service and could keep the town with water until the power problem is corrected.

Each well is connected to a special recorder that graphs the times the well was in

operation. The six wells run in a programmed sequence as the demand for water increases, the two largest wells being the last to be used. Wells five and six, on Princess Anne Drive, are not meant to run together, although well five may run continuously until six is called upon.

Pressure and the tower and reservoir levels are also recorded and kept on file, together with the readouts showing the pump operating times.

When looking at the charts it is possible to notice a trend in water consumption as people begin their day. "About 6 a.m. there is usually a drop in the tower level as people prepare for work," observed Mr. Smith. "The next big drop is the early evening when people come home from work and shower, water the lawn and wash the car."

"During the winter we can determine when movies on a television are over or when there are commercials. The water level in the tower will drop as people visit the washroom and the kitchen."

Most of the equipment controlling the flow is fully automated requiring only occasional tending or resetting by the plant operators, Wright Smith and Richard Sutton. The miles of water pipes are taken care of by Brent Marshall, Cliff Scott, Vittorio Secco, Peter Hayes and Dave Hanna who maintain all of Halton Hills and also assist with the water service in the town of Milton.

The summer of 1975 will be one of the few with lots of water for Georgetown residents. "One thing though, residents should water when the sun goes down or during the night, it is better for the lawn and also won't cause undue problems at our end, concluded Mr. Smith.

Two Halton girls receive WI awards

Janet Coupland, daughter of Mr. and Mrs. H. Roy Coupland of RR2 Hornby, has been awarded the Dr. Ethel Chapman Scholarship Award by the Halton District Women's Institute. Janet received the \$100

scholarship for successfully completing 13 4-H Homemaking Clubs through which she enjoyed making many new friends along with learning more sewing and cooking skills. Janet is a graduate of Milton

District High School and this fall will be entering the University of Guelph where she will be studying in the Family and Consumer Studies program. Connie Course, daughter of Mr. and Mrs. Richard Course

who live on the Eighth Line in Hornby was announced the winner of the Halton Women's Institute Bursary. Connie is a graduate of White Oaks Secondary School in Oakville.

Don't Miss

Pioneer Days

FUN - EXCITEMENT - GREAT BARGAINS

It's Happening In August!

How to waste energy, without lifting a finger.

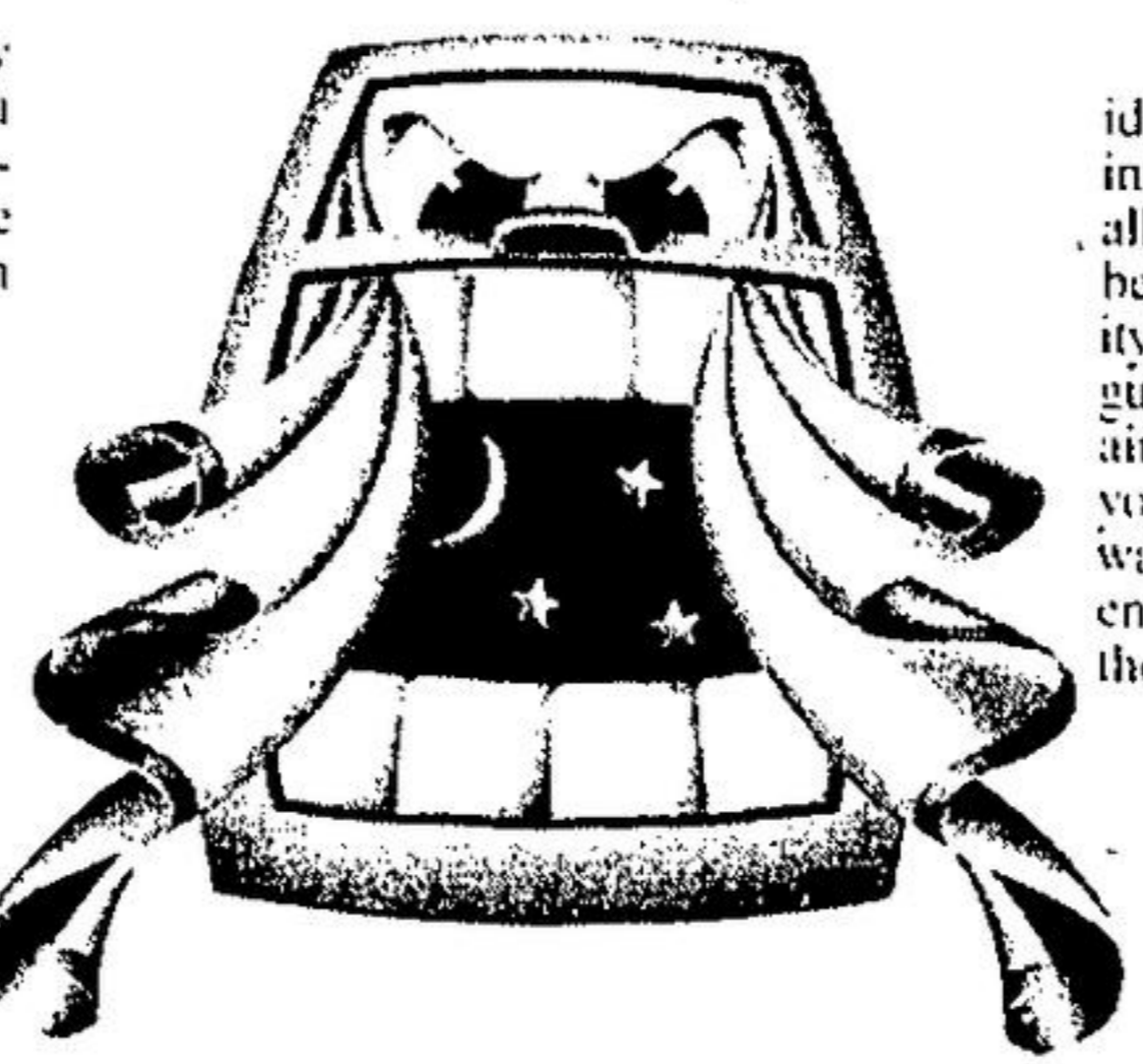
YOUR FIRST TAP LESSON.

Why bother shutting a tap off? Show your friends what an affluent person you are. After all, wasting as much as 40 gallons of hot water a day, and a lot of pure Natural gas energy certainly makes an impression.



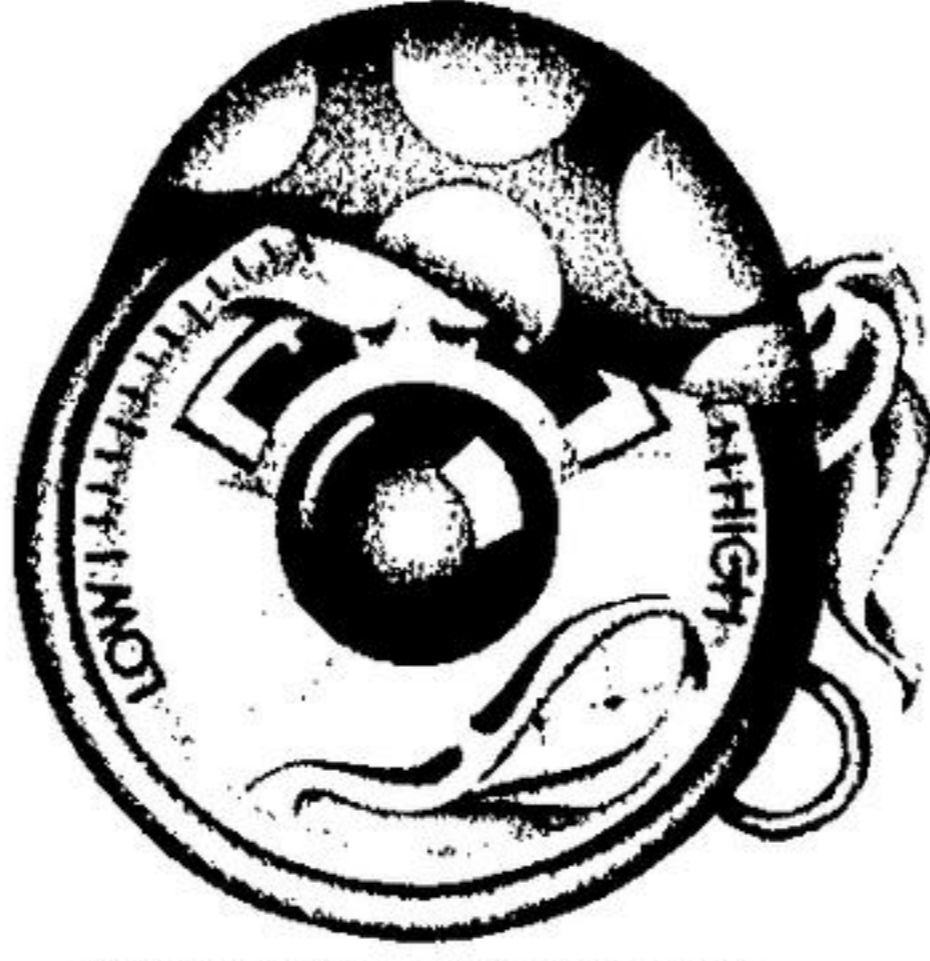
THE GREAT ESCAPE.

Don't bother insulating. Let your walls breathe. Of course, heat may be escaping in winter and air conditioning in summer. But that insulation stuff is so itchy anyway.



BRING THE OUTDOORS INDOORS.

Never lift a finger to shut the window. Once again, you may be wasting heat, but all that fresh air will qualify you as a genuine nature boy with a genuine year 'round cold.

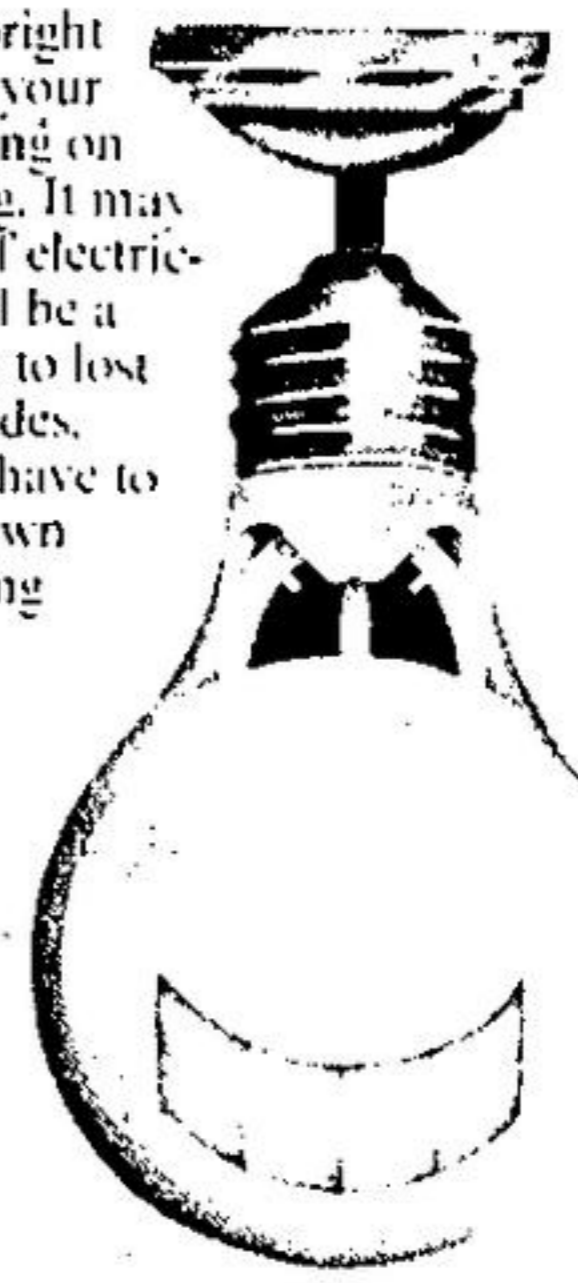


THE WHEEL OF FORTUNE.

Pick a number. Any number. But keep that thermostat wheel spinning. If you're lucky, you might even reach 100. In any case you're bound to win a fortune in heating bills.

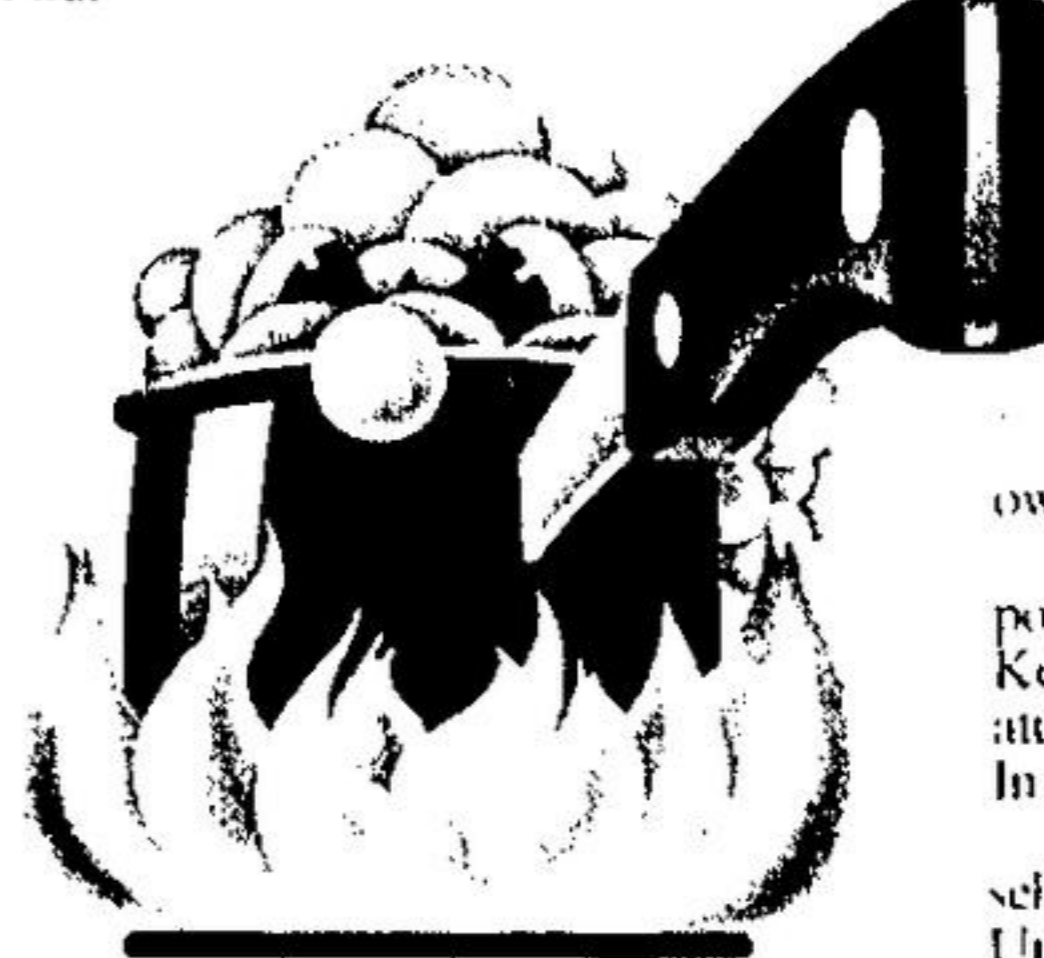
LET YOUR LITTLE LIGHT SHINE.

Here's a bright idea! Leave your indoor lighting on all night long. It may be a waste of electricity, but you'll be a guiding light to lost aircraft. Besides, you'll never have to waste your own energy flicking them off.



CREATE A BURNING SENSATION.

Here's a new quickie recipe idea you can create just by never turning the gas down on your stove. Let the flame cook the sides of your pan as well as the handle for an unusual flavour sensation. Charcoal flavoured steamed vegetables. They're sure to jar even the least discriminating taste bud.



THE SWEAT BOX.

By letting your dryer run on endlessly, your permanent press will be permanently wrinkled. But at least you'll be setting a whole new trend in fashion. Think of the individuality you'll achieve as a prune.



If you fail to see the logic in all of this, then lift a finger. Now point it at yourself.

Energy conservation starts with you. And you can be a great help. Just by remembering to do all those little things that are so hard to remember.

And much as we hate to preach, we have to. Because some people are still wasting energy.

So think before you waste. It's your own money you're saving.

Remember. Lift a finger to keep that pot from boiling over. Shut the windows. Keep the thermostat set at a constant temperature. Insulate. Shut the taps completely off. In other words, do your part.

Now lift your whole hand and give yourself a pat on the back, from all of us, at Union Gas.

UNION GAS

Natural Gas. Energy that's worth saving.

Town will pay to host Fin team

A grant of \$500 to the Georgetown Minor Hockey Support Group was given the okay at a general administration committee meeting last Monday evening.

The Minor Hockey Support Group asked for the monies to help pay the various tour costs of the Finnish Midget Team which will be visiting Georgetown on December 29 of this year. The Finnish team will play an exhibition game against Georgetown's Midgets in the Gordon Alcott Memorial Arena on December 30.

While visiting Georgetown a banquet is planned for players and leaders of both teams.

The Finnish team will leave Georgetown on December 31 to continue the remainder of their tour.

Edward H. Schroeder D. C.

DOCTOR

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