

**Small Box Tells Tale**

**Breathalyzer Machine Joins O.P.P. Measures Suspect's Alcohol Content**

Newest addition to the crime-fighting facilities at the North Halton Ontario Provincial Police detachment in Milton, is a breathalyzer machine—a device for measuring the alcohol content in a suspect's blood.

The small box-like affair is a maze of tubes, meters, photo-electric cells, lights and gauges that tests a suspect's breath and comes up with a dial reading that shows exactly how much alcohol exists in the suspect's blood at the time of the test. And it's absolutely fool-proof.

"Will Not Convict" — The breathalyzer will not convict you — nor will it dismiss you — pointed out Sergeant C. G. Wilkinson, who heads the 23-man detachment covering the county and township roads in Etobicoke and Nassagaweya Townships, as well as provincial highways 401, 25 and 7 that pass through North Halton area.

The machine simply provides a figure which a police officer can enter into court as evidence. Details of a physical test will help the magistrate determine whether an accused is normal, impaired, or drunk, and results of the breathalyzer, urine, saliva or blood tests are used to substantiate the evidence.

Sgt. Wilkinson took a two-week course in operation of the breathalyzer in 1958, when he was with the Oakville O.P.P. detachment. At that time the Oakville office did breath tests for a wide area surrounding Oakville, and he estimates he has completed over 200 tests with the machine.

**Tests Drivers** — Last month, Constable Carmen Wright of North Halton O.P.P. took a similar course and received a certificate signifying his ability to operate one. The new machine, valued at \$800 — arrived a couple of weeks ago and to date has been used for a few tests on drivers suspected of being under the influence.

The two officers point out the machine's reading only provides a figure on alcohol content. This figure must then be applied to a chart called an "Alco-Dial" to determine whether a person is seriously impaired or not. Based on a suspect's weight, the testing officer can relate the breathalyzer's answer in percentages, to the actual number of ounces of liquor, beer or wine the suspect has in his bloodstream.

And, if given the alcoholic beverage the suspect consumed, and the time period during which the alcohol was consumed, they can even determine how many drinks a suspect originally had.

Officers emphasize that the breathalyzer is just one of the sobriety tests given a suspected drinking driver. They also take urine and saliva samples which are tested at the Provincial Crime Laboratory in Toronto, and a blood test if possible. In each case, two samples are taken at different times, to give a more true reading of the suspect's condition. Two breathalyzer tests are also taken as well, and both

readings are considered in evidence.

The officer interviews the suspect and submits him to a physical test. They fill out a report on the suspect's appearance, color of face, clothes, attitude, appearance of eyes, and speech. A suspect may be asked to close his eyes and tip his head back, to see if he weaves; he may be given the finger-to-nose test; or be asked to pick up coins off the floor; or be instructed to walk along a hallway or around the room.

**Formal Opinion** — Each word and each movement is carefully watched, for each portion of the tests reveals the suspect's condition and enables the investigating officer to formulate an opinion which he will be asked to give — under oath — in court.

"The breathalyzer can, sometimes get an accused man off the hook, too," Sgt. Wilkinson explained. A suspect can have all the physical appearances of being drunk, while he is actually an ailing diabetic or heavily drugged. In this case, the breathalyzer definitely works in the suspect's favor, insofar as alcohol is concerned.

"If we give him a breath test and there is no indication of alcohol, we rush him to a hospital immediately," said the Sgt. The driver can still be charged with impaired driving if his ability is impaired by a narcotic drug.

**How It Works** — Here's how the breathalyzer works:

The subject blows into a plastic tube that leads to a cylinder containing a piston. The pressure of the breath causes the piston to move to a level where two vent holes open, letting the first breath (from the mouth) escape. When the subject has blown as long and as hard as he can, only the air from the deepest portion of the lungs is trapped in the cylinder. This air gives the best true reading of the alcohol in his system.

This air in the cylinder left the mouth at a temperature of 31 to 34 degrees centigrade. It must first be heated up to 45 to 50 degrees.

**Sensitive Liquid** — A valve then reverses, and the

breath is bubbled through an alcohol-sensitive solution, potassium dichromate and sulphuric acid. If alcohol is present in the breath, the alcohol-sensitive solution changes color. A photo-electric meter then records light shining through the solution, to give a reading on the dial of the machine.

The breathalyzer is always tested with another vial of the alcohol-sensitive solution, before and after testing the subject's breath.

**Formally Approved** — The machine was invented about 10 years ago, by Professor Robert F. Borkestein, director of the Indiana State Police, crime lab. Dr. Ward Smith of the Ontario Attorney-General's crime laboratory helped him perfect it. It has been approved by the technical sub-committee of the National Safety Council Committee.

The O.P.P. machine will be available for testing suspects of the Milton and Georgetown municipal police detachments, as well as the Acton municipal O.P.P. force and any other police department in the district needing to use the facility.

**DIRT CHEAP!** — There's been dirty work about in suburban Stamford (Ont.) Township, about 143 tons of it, and council voted a \$50 reward in the hope of unearthing a few clues.

While residents were preoccupied with the holiday weekend, someone stole 143 tons of topsoil — about 30 truckloads — from a township yard area.

**EDEN MILLS**

**Visits of Interest Sympathy Extended**

Weekend guests of Mr. and Mrs. William McDonald were Mr. and Mrs. Curtis Watson and family, Toronto; Miss Margaret Watson, Toronto; Mr. and Mrs. David Watson and family, Scarborough; Mr. and Mrs. James Bennett and family, Dundas and Mrs. William Nicholson, Dundas.

Mrs. Marion Tubman was a weekend guest of Mr. and Mrs. Seibert Watson, Milverton.

Mrs. Joy Gilbertson, confined to hospital, is improving gradually, also Mr. Rob Roy. Both are in Guelph General Hospital.

**Sympathy** — The sympathy of the community is extended to the Barden family in the loss of a father and husband, also to Mrs. Lindsay Tolton in the loss of her husband. Mr. and Mrs. Tolton were former residents of Eden Mills. Mr. and Mrs. James Cann attended the reunion of the Cann family at Elora on Saturday. The W.M.S. of Eden Mills United Church held their annual picnic Wednesday on the lawn of the Barden home.

Mr. and Mrs. George Slinn and family were recent visitors of Mr. and Mrs. Harry McIntosh.

Mr. and Mrs. R. Wright and grandchildren were weekend guests of Mr. and Mrs. Jack Tougher, Rochester, N.Y. Returning with them for a holiday was

Donald Tougher of Freeport, N.Y. Visiting with Mr. and Mrs. Vos and family is Mrs. C. W. Binnendyk from Rynsburg, Holland, for the next five weeks.

Every step of progress is a step more spiritual. —Marv Baker Eddy

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**STILL AT YOUR SERVICE**

There used to be a time when the word "telephone" almost always stirred an image of the operator complete with headset and a broad smile. Somehow over the years this image has been mingled with pictures of telephone lines, digging machines, piles of intricate equipment and faces of rugged men, pretty clerks and service representatives. Of course, each contributes to the overall picture of the telephone company, and the skilled and experienced operator, as always, is at your service. You may not be able to see her at her work, but she is available whenever you need assistance. Nice to know that she's there, ready to help, isn't it?

**WATT'S IN A NAME**

Although it pays to properly identify yourself when answering the telephone, sometimes it just doesn't help. Take the peculiar case of Mr. Watt as an instance. It was important for him to talk with James Brown at his office. He called the number a man's voice asked, "Who's calling?" Watt said, "Watt." The voice asked, "What is your name?" "That's what I told you, Watt's my name." A long pause followed and then Mr. Watt said, "Will you please tell me your name?" "Will Knott." Whereupon they both hung up.

**DILLS STATIONERY**

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**WHEN YOU TELL** a policeman you've "only had one drink" and he is inclined to doubt your sincerity or your sobriety, he'll be able to prove you right or wrong with a new machine just acquired by the North Halton O.P.P. detachment in Milton. It's a breathalyzer, that measures a suspect's breath to determine the alcohol content in his bloodstream — and it's foolproof. Sgt. C. G. Wilkinson and Const. Carmen Wright, who are both trained to operate the complicated box, are shown with the breathalyzer.

**Bus Trip, Visitors, New Park Highlight Community News**

(Intended for last week)

Little Jerry Isley underwent recent surgery at Guelph Hospital, and is now home.

Mr. Archie Sinclair is undergoing treatment in Guelph Hospital.

Mr. Willard Avey was able to leave the Toronto hospital Monday evening, following surgery for a back ailment. Friends hope for a complete recovery as he has been ill all spring.

Mr. and Mrs. Robert Grundy have returned home following a honeymoon spent at Midland.

Several ladies from the local Women's Institute joined with the members of Mimosa and Ermosa Institutes, on a pleasant bus trip last Thursday. They visited the Adelaide Hoodless Home at St. George, a museum at Brantford, and other places of interest enroute.

Mr. and Mrs. H. R. Howard attended the 40th anniversary dinner of the year '23 at the O.A.C. recently.

Mrs. Gordon Snyder is a patient at Guelph Hospital where she underwent recent surgery.

Mr. and Mrs. David Stewart, Mr. and Mrs. Vernon Stewart, Mr. and Mrs. Ed Stewart, Mr. and Mrs. Alec Stewart and Mr. Stewart Macdonald of Rochester, N.Y. attended the funeral of the former's nephew Alec Tovell at Owen Sound on Monday. His death from pneumonia came quite unexpectedly, though his health has not been good since he was shot by a holdup man, some time ago.

**Recent Visitors** — Recent visitors, with Mrs. M. Jackson were Mr. and Mrs. Russell Gordier, Mr. and Mrs. Alvin McCutcheon, Mr. and Mrs. Murray Millson and family, all of Guelph; Mrs. Calvin Evans, Ray and Hazel, Campbellville; Mr. and Mrs. Oswald Meadows, Rockwood; Mr. and Mrs. George Cruickshank, Miss Gertrude Watson, Hillsburgh; Mr. and Mrs. Lionel Watson and family, Caningsby.

**Passes Exams** — Congratulations to Linda McKenzie, nine-year-old daughter of Mr. and Mrs. Norman McKenzie who was first in honors, for Grade 8 piano in the recent examinations at the Royal Conservatory of Music, Toronto, held in Guelph, and to Lynn Snyder, daughter of Mr. and Mrs. S. Snyder, who also obtained honors in Grade 7 piano. Both girls are pupils of Mr. G. Goochie of Guelph.

Mr. and Mrs. Glen Robbins and family, who have resided on Jack

Kryger's farm on the 1st Line, moved to Guelph last week.

Mr. Tom Phelan of Guelph who bought twenty five acres of land on the First line from Mr. Roy Hindley is busily engaged in making it into a park. Workmen drilled a well and have made a swimming pool.

Miss Mary Edythe Dunn of Ridgeway was a guest at the home of Mr. and Mrs. D. G. Robertson, during the All Canada convention of the Churches of Christ Disciples held in Guelph.

Other visitors at the same home during the weekend included Mr. and Mrs. Norman Robertson, Acton and Mr. and Mrs. C. Heimler, Guelph.

Reg Bulloch who is a Scout leader with the second troop of Dublin St. United Church, Guelph spent the weekend at the St. Catharines Scout grounds with a number of boys.

Ronnie Griffin of Gravenhurst is holidaying with Mr. and Mrs. Ed Stewart and sons.

**Entertainers** — On Tuesday evening Mr. and Mrs. S. Snyder and Lynn entertained the pupils of Grade 8 and their parents. Their teacher, Mrs. N. Rathburn and her husband were special guests.

**Back to School** — Miss Joanne Smith, who will be teaching at Dundas in September, is enrolled at the O.A.C. where she is taking a course in physical training.

**Horse Show**

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