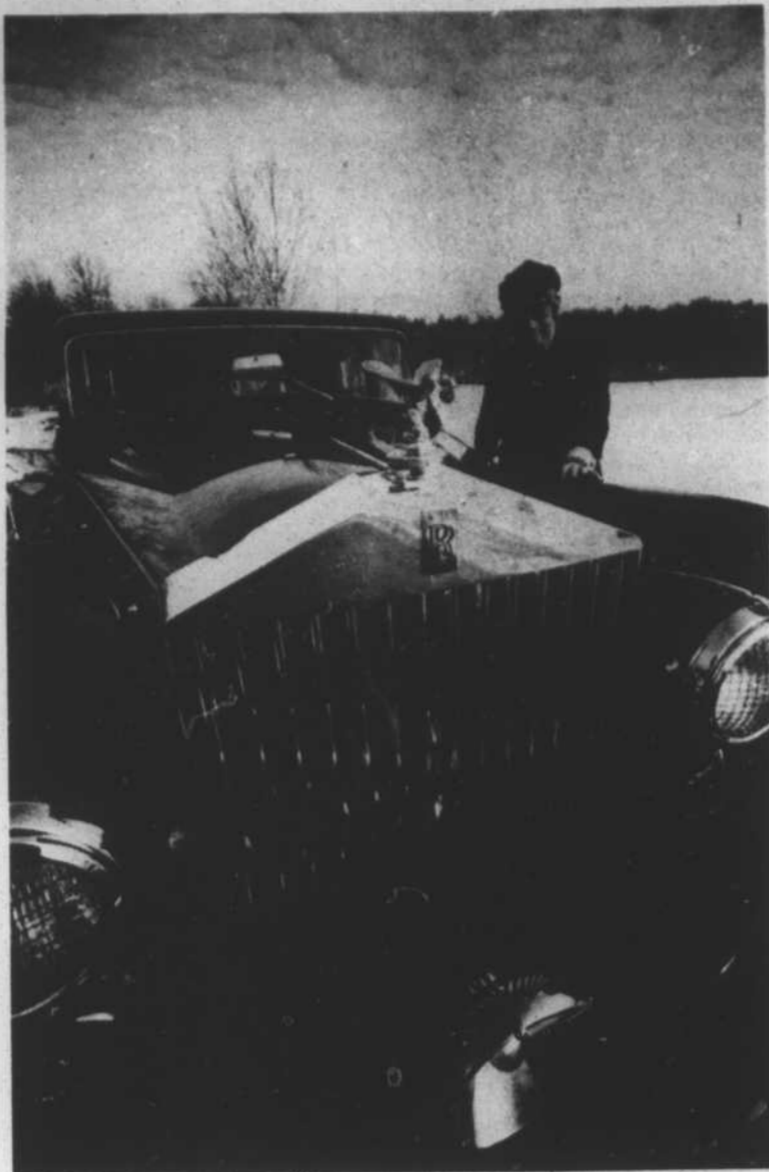


Oil Brings Wealth to Canadian North



OIL boom in Canada's frozen northland puts a giant egg in remote Vegreville, a flashy Rolls in Edmonton, and an artificial island complete with oil rig in the Beaufort Sea. Petroleum wealth has brought the good life to the province of Alberta making frills like the egg and luxury car possible. The giant Ukrainian Easter egg was created by Prof. Ronald Resch, a computer scientist at the University of Utah. Townspeople helped him erect it. A free-wheeling spirit convinced Jack Cohen to offer his car, with himself as chauffeur, to the highest bidder in a campaign to support the arts in Edmonton. More riches flow from places like the Beaufort Sea where drillers commute to work aboard a Hovercraft.

Photographs by Lowell Georgia © National Geographic



Giant Energy Piggy Bank Lures Canadians North

The rush is on to crack Canada's treasurer-laden piggy bank of the north.

For years companies have invested huge sums to find major new fields of oil and natural gas in Canada's frozen northland; the Beaufort Sea, the Mackenzie River Delta, and Arctic islands so far north that a compass is useless. Now they're eager to make withdrawals from this vast energy bank.

In the Beaufort Sea, rough-necks, sometimes living on barges anchored in the water, drill for gas and oil on man-made islands.

Islands Harbor Wealth
In Canada's Arctic islands, a token summer supports little

more than mosquitoes and scanty vegetation, yet beneath the forbidding but beautiful land lie from 40 to 240 trillion cubic feet of natural gas and up to 20 billion barrels of oil, reports Robert Paul Jordan in the National Geographic.

Getting all this oil and gas to markets thousands of miles away is a problem for such far-reaching companies as Panarctic Oils Ltd. Panarctic is considering pipelines and supertankers, although both may be far in the future. The company has, however, already located enough gas to justify construction of a pipeline.

Nearly 800 miles to the southwest, another possible pipeline would bring gas from

the Beaufort Sea and the Mackenzie River Delta up the valley of the Mackenzie.

To tap the gas and oil, Panarctic had to invent new techniques for drilling offshore. Workers have pumped seawater onto the ice to increase its thickness to 16 feet, enough to support a 500-ton drilling rig. Off Melville Island, a drill was lowered through 1,000 feet of water to the seafloor and then went another 2,000 feet down to find six trillion cubic feet of gas—Canada's largest field.

Gushers of Skyscrapers
Edmonton, the gateway to Canada's "now" frontier and the oil-rich capital of the Province of Alberta spouts gushers of skyscrapers and

high-rises. Says Mayor Terry Cavanagh, "This is the jumping-off point. This is the source of the engineering expertise and the lunch-bucket people."

In recent years Alberta has grown wealthy beyond its wildest dreams. It grows richer everyday, piling up a billion dollars and more annually in petroleum royalties.

The province contains nearly 90 percent of Canada's crude oil and 80 percent of its natural gas—most of it flowing from fields around Edmonton and northward.

The bitumen in Alberta's

vast deposits of tar sands contains more crude oil—an estimated 600 billion barrels—than the total reserves of the Middle East. At least 25 billion barrels are economically extractable. Amidst environmental concern, a plant to extract the oil is now under construction near Fort McMurray.

The sands once were part of an age-old sea bottom that teemed with marine organisms. Indians used the tar to seal their canoes. Now thousands of construction workers are preparing what may be the world's largest open-pit mine; in 1978 giant draglines will begin gouging the ancient seabed to a depth of 200 feet.

Questioning Too Much Can Ruin Conversation

Questions have their place. But if we want to communicate, the use of questions often defeats our purpose.

"In our everyday conversation, questions are a poor substitute for more direct communication," remind extension human development specialists, North Carolina State University.

Most questions are incomplete and indirect. Some, like "How are you?", are most often statements of greeting and neither help nor hinder communications.

Our questions are often ineffective messages that breed defensive reactions and poor communication. We often use questions to manipulate in some way, convince of some truth or convict of some error. "Have you spoken to him about it?" may mean "You should speak to him, and soon!" "How long will this meeting last?" usually means "I'm feeling bored and uninvolved. Let's get to the problem or adjourn."

"We often feel in control of a conversation when we're asking the questions, but actually we aren't," the specialists point out.

As questioners, we focus attention and put responsibility on the other person instead of examining and expressing our own feelings. We replace what's going on inside us with what's happening outside.

"We're caught by surprise when the other person responds defensively to our questions," the specialists add. "And we often aren't aware that we're excluding ourselves from the exchange and giving away our decision-making power."

Watch your questions in the future. Say what you mean and express your feelings. That's communication, the specialists conclude.



Better can be kept frozen up to a month.

Notify Issuer Fast If Credit Card Is Lost

Many consumers rely on credit cards to provide a ready cash substitute when they need it most.

But credit cards also provide a ready cash substitute for thieves.

If your credit cards get stolen or used without your authorization, it could cost you plenty of money and headaches, reminds Dr. Thelma Hinson, extension family resource management specialist, North Carolina State University.

"The law states that you're liable for up to \$50 of unauthorized use on each of your credit cards," the specialist adds.

"But if you notify the card's issuer immediately after you discover your card is lost or stolen, it could cost you less," Dr. Hinson observes.

"If a thief has purchased less than \$50 with your credit card before you give the issuer notification, the most you can be responsible for is the amount of the unauthorized purchases," she adds.

Keep a record of your credit cards and who to contact in case they get lost or stolen, and notify the issuer as soon as your card is misplaced.

Prompt action can save you money and headaches.

Cotton Growers Reach Milestone

There are far fewer North Carolina farmers growing far fewer acres of cotton than a few years ago, but those that continue to grow the old favorite apparently are doing it better than ever.

It isn't official yet because the last remnants of the '76 crop are still being brought to the gins, but Tar Heel farmers may have reached a long-sought milestone last year.

Preliminary estimates indicate that for the first time ever, the state average yield may have reached a bale per acre.

The estimate is for 68,000 bales, which would be 22,000 more than the 1975 crop. If this holds up through the final bale count, the per acre average from the state's 68,000 acres will be 480 pounds, or one bale per acre.

Deadlines Are Listed

Cost-Sharing Requests Being Accepted By ASC

1977 Agricultural Conservation Program

The Warren County ASCS Office is accepting requests for cost-sharing under the 1977 Agricultural Conservation Program. The objective of the program is the same as for the 1976 ACP, to cost-share with public funds the performance of enduring soil and water conservation measures on farmland that the farmer would not perform without cost-sharing, thus assuring that the public tax dollar is buying needed conservation beyond that which the farmer would accomplish with his own resources.

Farmers who are interested in requesting cost-sharing assistance should file requests prior to starting the practice.

Practices included in the 1977 program are: Establishing Permanent Vegetative Cover, Improving Vegetative Cover, Planting Trees, Improving a Stand of Forest Trees, Stripcropping, Constructing Terrace Systems, Diversions, Sediment Chemical or Water Runoff Control Measures, Application of Lime, Water Impoundment Reservoirs, Interim Cover Crop and Lagoons for Animal Wastes.

Forestry Incentive Program (FIP)

Farm owners interested in establishing a stand of trees or improving a forest stand on their farms may request cost-sharing under the Forestry Incentive Program.

Peanut Lease And Transfer

The final date to transfer peanuts, release peanuts and request additional acreage is March 10. If you plan to lease peanuts, be sure to do so by this deadline.

New Farm Allotments

Applications for new farm tobacco, peanut, cotton, and feed grain allotments for 1977 must be filed at the ASCS Office by February 15. Eligibility requirements for new farm allotments are available at the county office. One of the requirements is that a farmer cannot own or operate another farm with such an allotment for the current year.

Lease And Transfer Of Tobacco

Tobacco lease and transfer agreements are being accepted at the county ASCS office and will continue through June 14. After June 14, transfers may be filed provided both the transferring and receiving farms have planted at least 50 percent of the effective allotment or the basic quota is 2,000 pounds or less.

A list of producers who wish to lease and transfer tobacco is being maintained in the ASCS Office. This list contains the addresses and telephone number of producers wishing to lease and transfer tobacco. Anyone wishing to be added to the list may contact the office.

The maximum pounds of flue-cured tobacco that can be transferred to a farm by lease is determined by multiplying the farm yield by the acreage computed by subtracting the basic tobacco allotment from 50 percent of the cropland. This limitation is not applicable when leases are filed after June 1.

Farm Changes In Ownership Or Operation

Farmers buying, selling or changing their farm operations for 1977 are requested to come by the county office so that our records may be updated for current program operations.

Retraction

IGA Handbills Should Read 10 ounces Maxwell House Instead of 10 pounds

WHEN YOU SELL IT, SERVICE IT, AND STAND BEHIND IT, THERE'S NO ONE TO PASS THE BUCK TO.



That's what full-line service is all about to the 4,400 people who work at Carolina Telephone.

Whether it's telephones for your home or advanced business communications equipment for your company, our people have the products, training and expertise to handle the job.

And since the customers we serve are the same neighbors we live with, we make sure the job is done right.

We're always ready to stand up and answer for our phone service.



Carolina Telephone

CLIP AND MAIL

DALLAS ALFORD

AGAIN WANTS YOUR OPINIONS

DEAR FRIENDS,

I want to know how you feel about the issues that are before the Legislature. It would be a great help if you would complete the following questionnaire and add your comments and suggestions.

Thank you for helping me.

Sincerely,
Dallas Alford



- | | Yes | No | Undecided |
|--|--------------------------|--------------------------|--------------------------|
| 1. Do You Favor Capital Punishment? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Do You Favor The Equal Rights Amendment? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Do You Favor Legislation Giving Public School Teachers The Right To Bargain Collectively And To Strike? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Do You Favor Changing The North Carolina Constitution To Allow The Governor To Succeed Himself And Serve Two Terms Instead Of One As Now Provided By Our North Carolina Constitution? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Do You Favor Changing The North Carolina Constitution To Allow The Office Of The Superintendent Of Public Instruction To Be Appointive Rather Than Elective? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Do You Favor Liquor By The Drink In Your County Or Any Other County In North Carolina? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Currently, North Carolina Judges Are Elected By The Voters. Do You Favor Judges Being Appointed Rather Than Elected By The Voters? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

COMMENTS: _____

Name _____

Street _____

City _____

Zip _____

Please cut and mail to:
Senator Dallas Alford
State Legislative Building
Raleigh, North Carolina