

## Oil find Canada's largest

Speculation over the viability of the Hibernia exploratory well, off the coast of Newfoundland, ended recently when Gulf Canada Resources Incorporated announced that the well was by far Canada's most prolific discovery ever.

But R.H. Carlyle, Gulf's senior vice-president told a two-day conference on resource management that the Grand Banks (part of Newfoundland's continental shelf) alone may represent the largest oilfield ever found in the world. He said industry estimates show that the area has oil reserves of at least 10 billion barrels and potential gas reserves of more than 15 trillion cubic feet.

He added that the Hibernia test well, in which Gulf and Mobil Oil Canada Limited are partners, will tap between one billion and two billion barrels of oil itself. He said this indicates a probable production capacity in excess of 20,000 barrels a day.

The largest oil discovery in Canadian history was the Pembina field in Alberta during the 1950s. Pembina's yield of recoverable conventional light and heavy crude was pegged at 1.5 billion barrels, of which 875 million barrels had been produced by the end of 1978. The National Energy Board estimated Canadian reserves of recoverable conventional light and heavy crude at 5.8 billion barrels at December 31, 1978.

## Canadian Lady Bowls Them Over in Jakarta

Canada made sports headlines in October, 1980, when the World Cup bowling championship, held on this occasion in Jakarta, produced a win in the ladies' division by Mrs. Jean Gordon, 28, of Vancouver, British Columbia. She is the third Canadian winner in the ladies' division of this annual competition for amateur bowlers since it was instituted in 1972.

Mrs. Gordon, a specialist hospital technician by profession, has been bowling for sport and relaxation for more than 10 years and earned the right to represent Canada by posting the highest score in competition between hundreds of women bowlers throughout Canada.

Following her win in Jakarta Mrs. Gordon unofficially accepted an invitation to participate in the Asia Cup competition to be held in Bangkok this year.

## CIDA Funding for Photography

Northway-Gestalt Corporation of Toronto, Canada, has been awarded an aerial photography contract worth approximately \$9 million in the Republic of Indonesia. The contract is in equal partnership with another Ontario company, Kenting Earth Sciences of Ottawa, and is financed by the Canadian International Development Agency (CIDA). The project will cover a two-year period and is extendable by mutual agreement with the government of Indonesia. The program calls for high-altitude photography of approximately half of Indonesia and is the largest such contract ever obtained by a Canadian aerial survey organization.

## Canada Grants \$1.75m to Malaysian Fisheries Project

Malaysia and Canada have signed a Memorandum of Understanding for a grant of almost \$1.75 million to the Besut Integrated Fisheries Development Project in Kuala Besut, Trengganu, on the east coast of Malaysia. The grant was made by the Canadian International Development Agency (CIDA).

The aim of the project is to help small fishermen by providing financial and technical aid in a wide range of activities, such as processing, marketing, boat building, fish culture, and organizing co-operatives.

This project is part of a regional fisheries project in Southeast Asia known as the South China Fisheries Development and Co-ordinating Program, which is jointly sponsored by CIDA and the United Nations Development Program (UNDP), and implemented by the Food and Agriculture Organization (FAO).

Canada is currently working with a variety of Malaysian institutions on other fisheries programs and, on a regional basis, is negotiating with ASEAN for a post-harvest fisheries project to help the member countries improve productivity by reducing losses and developing marketing and processing techniques.

## Air Niugini Expands Its Fleet with Canadian Aircraft

Air Niugini, Papua-New Guinea's national airline will buy three de Havilland Canada Dash 7 aircraft to serve domestic routes. The purchase will be financed by the Export Development Corporation of Canada (85 per cent) and the Toronto Dominion Bank (15 per cent).

## Canadians Help Chinese Mine Gold

A team of Canadian mining experts has returned from China after completing the first phase of a major engineering services contract with the Chinese government.

The contract requires Wright Engineers Limited of Vancouver to carry out a feasibility study for a gold mine in Shandong Province in which there are two operating gold mines and which has a long history of gold mining.

A group of Chinese mining engineers have travelled to Canada as part of the project team to provide background data during the various phases of the study.

In addition to assessing the currently available data and information on the mine site, Wright Engineers Limited is expected to evaluate the requirements for further data, the methodology for collecting the information and, based on this information (and Chinese approval to proceed), to plan the design and operating procedures of the mine and other facilities required to extract gold from the ore body.

While the size of plant required will not be determined until all the data is assembled and analyzed, it is expected to be in the 1,000-2,000 tonne-a-day size.

To date, almost 80 test holes have been drilled at the site and assay work and assessment of results are underway.

In addition to the mine and mill, Wright Engineers Limited is expected to provide material handling advice and design, the latest in pollution control equipment, an assessment of the use of sea water for treating the ore, as well as mine drainage and water supply and treatment.

## Two-way Transmission Trials

Bell Canada of Montreal will begin a two-year joint trial with the federal Communications Department in 1981 to test a new, two-way, data transmission service that couples telephone lines with ordinary colour television sets. The new system, called Vista, will allow information to be sent and received in French and English between points in Quebec and Ontario. The service will give subscribers access to printed or graphic information in computer data banks.