

And 582 trillion cubic feet of gas— 118 billion barrels of oil untapped

DALLAS—The United States has an estimated 118 billion barrels of liquid petroleum (oil and natural gas liquids) and a bout 582 trillion cubic feet of natural gas that have not yet been discovered according to a new study of U.S. oil and gas potential completed by Exxon USA.

This compares with 122 billion barrels of petroleum liquids and 477 cubic feet of natural gas produced in this country up to January 1975.

Exxon USA exploration vice president J. D. Langston presented the study's major findings today to the Sixteenth Annual Institute on Petroleum Exploration and Economics sponsored by the Southwestern Legal Foundation.

Langston said the amount of undiscovered oil and gas supplies in the United States is of vital significance to planning of U.S. energy policy.

The range of past estimates by oil companies, government and scientific groups is wide and is likely to remain so because of the uncertainty of much of the geologic information. This new study was undertaken to provide a better understanding of this complex subject.

The estimates of undiscovered petroleum embrace a range that includes the minimum, mean and maximum. In the case of petroleum liquids, the estimates range from a minimum of 68 billion barrels, a mean of 118 billion barrels, and a maximum of 198 billion barrels.

In the case of natural gas, it is estimated that the minimum is 342 trillion cubic feet and the maximum is 942 trillion cubic feet.

Long-range economy plan for natives

Approval of a \$75,000 grant to help establish a program to encourage long-range planning for economic growth in American Indian and Alaskan Native communities was announced by Wilmer D. Mizell, assistant secretary of commerce for economic development.

The United Indian Planners Association, with offices at 1239 G Street, Northwest, Washington, D.C., applied for the grant from the Economic Development Administration, U.S. Department of Commerce.

The grant will be used to help pay the costs of the program for a year.

In addition to establishing a professional organization for planners serving reservations, communities and villages, the program will include establishment of a library and distribution of technical assistance publications to the planners.

Association officials anticipate that stronger lines of communications between the planners will enhance long-range programs to create job opportunities for unemployed and underemployed Indians and Alaskan Natives.

The United Indian Planners Association will provide \$75,000 to complete the \$150,000 total cost of the program.



If you want good luck, some people believe that you will get it by turning your hat around and then pulling your pockets out!

Estimates of recoverable oil and gas are based on the assumption that technological growth and economic incentive will keep pace with everincreasing exploration risks.

Available technology and economic factors limit currently attainable production of undiscovered U.S. hydrocarbons to about 63 billion barrels of petroleum liquids and about 287 trillion cubic feet of natural gas.

Some of the potential included in the total resource estimates is not economically recoverable today. Some is located in offshore areas with water depths in excess of 2,500 feet, or under severe Arctic ice.

The petroleum in the inland areas will take decades to

produce, but the company expects all on shore potential to be produced eventually.

Current technology allows ultimate recovery efficiency of 32 per cent for oil and 85 per cent for natural gas for future fields.

The company stresses that it and other petroleum companies are conducting significant research and development programs aimed at increasing ultimate recovery efficiency.

"Only time and the drill bit will tell how correct predictions are. If geology and experience have been dealt with correctly, the minimum-maximum ranges should encompass the real answer," Exxon concluded.

LUPC acting co-chairman

ANCHORAGE—Dr. George W. Rogers, a noted economist and professor at the University of Alaska-Juneau, was requested by Gov. Jay Hammond on Feb. 28, to serve as acting state co-chairman of the Joint Federal-State Land Use Planning Commission, succeeding David S. Jackman, who resigned rather than support the controversial "Cook Inlet" land trade.

The Land Use Planning Commission, at the request of the Alaska State Legislature, has scheduled a special meeting, March 5 and 6, to review the various issues pertaining to the proposed "Cook Inlet" land exchange settlement and make recommendations to the State Legislature. The State Legislature has until March 12 to approve the land trade.

Dr. Rogers stated that he has "no plans at the present time to be the full-time state co-chairman of the Joint Federal-State Commission," but is "very pleased to serve as the state co-chairman for this important meeting."

Dr. Rogers has a B.A., M.A. in economics from the University of California-Berkeley, and has obtained his Ph.D. from Harvard University. He came to Alaska in 1944 as the economic aid price executive for the federal Office of Price Administration.

He served as economic advisor to two territorial governors, as chairman of the Department of the Interior's Alaska Field Committee, and as a technical consultant to the Alaska State Constitutional Convention and several agencies of the new state.

He was a Carnegie Visiting Professor of Economics at the University of Alaska-Fairbanks, where he assisted in the establishment of an Institute for Business Economics, and Government Research.

In 1967-68, he was employed as a Visiting Scholar at the Scott-Polar Research Institute, University of Cambridge,

England. The author of numerous books, he has served on various committees of the National Academy of Sciences, and has been a member of the Juneau Civil Council and the Juneau Borough Assembly.

Dr. Rogers is married, has six children, and lives in Juneau, Alaska.

More bicentennial funds available

The Alaska American Revolution Bicentennial Commission has been made eligible for an additional \$40,000 in support of projects and programs for the state's commemoration of the Bicentennial.

The money comes from net revenues from the sale of national Bicentennial medals and commemorative.

Individual matching grants out of this money will be awarded to state or local agencies or non-profit organizations by the State Bicentennial Commission.

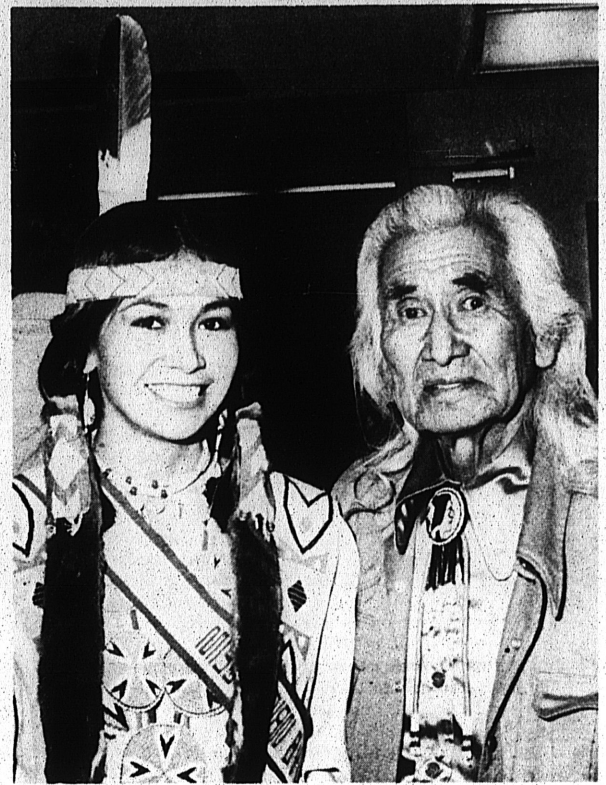
In order to apply, a project must fall within at least one of the three themes of the Bicentennial: Heritage '76, Festival USA, and Horizon '76.

Projects funded under the grant guidelines must be operational or complete by Dec. 31, 1976. Projects initiated within a community must first receive approval by that local Bicentennial Commission before applying to the State Commission for funds.

Young Americans auditions Mar. 27

Auditions for the Young Alaskans singing group will be held March 27 at the Totem Community Center on the Tanana Valley Fairgrounds in Fairbanks. The Young Alaskans are a very active group of teen-agers and have been received enthusiastically both locally and statewide.

Interested teen-agers should call the Tanana Valley Fair Office at 452-3750 for more information and an audition appointment.



FELLOW CANADIAN Deanna Crowfoot, Miss BYU for 1975-76, meets television and motion picture star Chief Dan George who spoke to more than 500 Indian students during Brigham Young University's Indian Week.

— Photo by MARK PHILBRICK

The Alaska ARBC will review all applications for grants at its next meeting in Anchorage on April 29-30. Applications must be received by the Alaska

ARBC, 840 MacKay Building, 338 Denali, Anchorage, Alaska 99501 no later than April 15.

Application forms are available at that address upon request.

Statewide instructional support sys.

In recent action the Alaska State Board of Education created a policy advisory board for the Statewide Instructional Support System. Appointed to the advisory group were Katherine Hurley, Anchorage; Carolyn Wohlforth, Anchorage; Robert Van Houte, Juneau; Robert Green, Kodiak; Jim Zuelow, Bethel; and Marilou Madden, Juneau.

The Statewide Instructional Support System will involve the development of several programs, including a student testing system; an instructional resource distribution system; a staff training system; and a

management system designed to integrate program operations.

The instructional resource distribution is being developed by Robert Lehman, Department of Education, while the development of staff training is being directed by Ron Daugherty at Alaska Methodist University.

The policy advisory group will consider such areas as program definition, program operations and coordination with other programs. Development of the total program is being coordinated by Frank G. Nelson through Planning and Research, Department of Education.

Gambell news

By GRACE SLWOKO
Gambell Correspondent

although I speak it. I'm learning to write it.

GAMBELL—This winter I have been staying in Nome, Alaska. In a city like that, I have to look for something bigger to do so I tried to find something to write about. And I did, so I got a job at Bureau of Indian Affairs bilingual work. It is writing Yupik which is my own language. But even it is my language, it is something new as it never was written. There is so much to do than just to speak it. So I am now taking Yupik

Back home on St. Lawrence Island, they say many polar bears are close by on the ice and some are on land. They are seen now and then. More than 12 have been caught at Savoonga, another village on the island. So far two have been taken at Gambell as we heard. There may be more as some people still see them close by.

But those huge animals of the ice are very wild. They never are close to the smell of man or village. As soon as they are close to, they flee.

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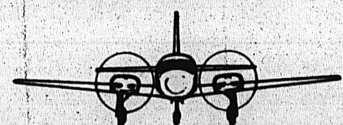
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