

North Slope Alaska and Arctic OCS Oil and Gas Potential



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DNR Briefing Presentations

- **Northern Alaska and Arctic OCS Resource Estimates**
Kevin Banks, Director, Division of Oil and Gas
- **Arctic Alaska Conventional Oil & Gas Exploration Potential**
Bob Swenson, Director and State Geologist, Division of Geological and Geophysical Survey
- **Source-Reservoired Oil Resources--Alaskan North Slope**
Paul L. Decker, Petroleum Geologist, Division of Oil and Gas

GOOD NEWS

Alaska Oil and Gas Resource Potential: “World Class”

- **33 Percent of Undiscovered, Technically Recoverable Oil Resources in the Arctic.**
- **13 Percent of Undiscovered, Technically Recoverable Gas Resources in the Arctic.**
- **40 Billion Barrels of Oil; 230 Tcf of gas**
(Based on the mean estimates from ranges reported by USGS/BOEMRE.)
- **Does not Include unconventional resources.**

This resource potential lies in the Arctic “backyard” of the largest petroleum consuming market in the world.

Alaska's Challenges

- **Biggest Challenge: TAPS Low Flow**
The best way to address this critical factor is to increase throughput.
- **Federal Government Anti-Development Posture**
The Federal government has turned from the role of environmental protection to putting up a “Off Limits” sign for resource development.
- **High Cost**
For example, exploration drilling in Alaska is between 3-8 times the cost of drilling in the North Dakota.
- **Environment**
Harsh climate, resource conflicts, seasonal limits to exploration and development activities.
- **Lack of Infrastructure**

Addressing the Challenges

We need all the policy tools to meet these challenges.

- **Fiscal Competitiveness**
- **Federal Cooperation**
- **Permitting Timeliness and efficiencies**
 - **Both State and Federal Governments**
- **Increase Infrastructure development**
- **Continued identification of the Resource**
- **Domestic and International Promotion of Alaska**
- **Accelerated Development of Unconventional Resource**
- **Encourage All Players of All Sizes**
- **Access to Markets**