

**HARZA-EBASCO**

Susitna Joint Venture  
Document Number

3366

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Personal Communicaiton From E. Wunnicke  
DNR to B. Grussendorf, House.  
March 11, 1985

DCNO 3366

Case #  
EB - file

# 11309 STATE OF ALASKA

BILL SHEFFIELD, GOVERNOR

## DEPARTMENT OF NATURAL RESOURCES

OFFICE OF THE COMMISSIONER

POUCH M  
JUNEAU, ALASKA 99811  
PHONE:

March 11, 1985

Susitna File # 40.12.2

The Honorable Ben Grossendorf, Speaker  
Alaska State House of Representatives  
Pouch V  
Juneau, Alaska 99811

HARZA-EBASCO SUSITNA HYDROELECTRIC PROJECT DOCUMENT ROUTING	
<input checked="" type="checkbox"/> LARSON	<input checked="" type="checkbox"/> TILLMAN
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<input type="checkbox"/> THRALL	
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<input checked="" type="checkbox"/> VOLLAND	
<input type="checkbox"/> PETTIGREW	
<input type="checkbox"/> LAMBERT	
<input type="checkbox"/> ROBINSON	
<input checked="" type="checkbox"/> DYOK	

Dear Speaker Grossendorf:

Attached for your information is a recently completed update of Cook Inlet Oil and Gas data prepared by the Division of Oil and Gas. This information updates figures in the Historical and Projected Oil and Gas Consumption report, which was submitted to you in January, 1985.

Total remaining Cook Inlet gas reserves were previously estimated to be 3.26 trillion cubic feet (Tcf) as of January 1, 1984. The revised estimate of Cook Inlet reserves is 4.46 Tcf as of January 1, 1985.

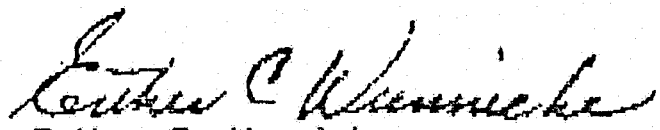
Inclusion of additional gas reserves from the Grayling gas sands (Trading Bay Unit) and incorporation of gas reserves from the Stump Lake Units, Cannery Loop Unit, and Pretty Creek Unit were primarily responsible for the increase in gas reserves.

Assuming current use patterns are maintained, we estimate that cumulative use of natural gas from Cook Inlet fields will be 3.3 Tcf between 1985 and 1999. Thus, it appears that there are sufficient gas reserves to meet projected needs in the railbelt for more than 15 years.

An estimate of state royalty oil available from Cook Inlet fields is also attached.

If you have questions about this information please do not hesitate to contact me.

Sincerely,

  
Esther C. Wunnicka  
Commissioner

Attachments as stated

cc: Members of the House of Representatives

COOK INLET GAS RESERVES \*  
 (Billions of Cubic Feet)

<u>FIELD</u>	<u>REMAINING RECOVERABLE GAS</u> (as of Jan. 1, 1985)	<u>STATE ROYALTY SHARE</u> (as of Jan. 1, 1985)
Kenai	850	17
North Cook Inlet	650	81
Beluga River	600	60
Swanson River	260	0
Cannery Loop	300	9
McArthur River & Trading Bay	650	81
Beaver Creek	230	0
Cook Inlet Associated Gas	60	7
Ivan River - Lewis River - Pretty Creek - Stump Lake	600	75
Other	63	8
Totals	<u>4463</u>	<u>338</u>

\* Department of Natural Resources  
 Division of Oil and Gas  
 Updated March 1985

AVAILABILITY OF  
COOK INLET ROYALTY OIL

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1985	5935
1986	5032
1987	4290
1988	3645
1989	3097
1990	2645
1991	2226
1992	1903
1993	1613
1994	1387
1995	1181

(1) As of January 1 of each year

Department of Natural Resources  
Division of Oil and Gas  
March, 1985

11:

DELIVER TO: <u>Wayne Cook</u>	LOCATION
FROM: <u>Bob Rotts</u>	LOCATION <u>TUNSA</u>
TELEPHONE/TELECOPIER # <u>586-2754</u>	TOTAL NUMBER OF PAGES <u>3</u>
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COMMENTS	

\*HARZA EBASCO

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