UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OPEN-FILE REPORT 78-1033
PLATE 1 OF 2

NATIONAL PETROLEUM RESERVE-ALASKA

ISOPACH AND COAL PERCENTAGE MAP OF THE NANUSHUK GROUP

CONTOURS SHOWN IN FEET
DATUM IS MEAN SEA LEVEL

MAP UNITS

Knn — Nanushuk Group (Upper and Lower Cretaceous)– Nonmarine facies, coal-bearing.

Knm — Nanushuk Group (Upper and Lower Cretaceous)– Marine and Marginal-marine facies, locally coal-bearing.

LINE SYMBOLS

---------- Geologic contact, approximately located.

--4000-- Isopach contour ; showing thickness of the Nanushuk Group. Contour interval 1000 feet[1].

——1.0—— Coal percentage contour; showing relative percentage of coal in the rocks of the Nanushuk Group. Contour interval 0.5 and 5.0 percent.

8.0 / 4170 ○ Test well control point; upper number indicates coal percentage; lower number indicates thickness of Nanushuk Group in feet. Coal percentage and thickness shown at two or more closely spaced test wells represent an average of the test wells.

1.0 Surface section control location; number indicates coal percentage determined from measured stratigraphic section or series of shallow drill holes.

△ Core Test Symbol.

[1] To convert to meters multiply by 0.3048.

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This report has not been edited for conformity with Geological Survey editorial standards.

Planimetry and selected topography from U.S.G.S. Quadrangle Sheets
Base map compiled for HUSKY OIL OPERATIONS, INC. July 1977
by ALASKA MAP SERVICE, INC.