APPENDIX IV

1986 ALASKA FIELD WORK
LISBURNЕ PENINSULA - WEST BROOKS RANGE

PHOTO LOG
Coastal view north of Cape Dyer.
View of gravel beaches looking west towards Point Hope.

Aerial view of Point Hope Village.
Aerial view of school and houses at Point Hope Village

Aerial view of hotel and old camp at Point Hope Village
View of Silurian/Ordovician Cliffs.
Coastline T10S-R61W

Silurian/Ordovician clastics with large calcite vein.
T10S-R61W
Silurian/Ordovician graywacke section.

Silurian/Ordovician section showing cleavage at high angle to bedding. 7/22-11
SW/4 19-T11S-R61W
Cliff of Silurian/Ordovician graywacke and slope of black shale of uncertain age.
NE/4 33-T9S-R61W
Early Mississippian Endicott Group
sand and shale. 7-19-1
33-T9S-61W
Early Mississippian Endicott Group showing upright tree mold. 7-19-1
33-R9S-R61W
Endicott Group shale bedding plane showing large-scale ripples and small-scale flute structures. 7-19-2 W/2 28-9S-61W

Enlargement of above.
Aerial view of Early Mississippian marine limestone and shale. 7-17-6
SE/4-27-32N-32W

Folded Early Mississippian marine limestone and shale.
Kogruk Limestone, Mississippian Lisburne Group.  7/21-1
SE/4 6-31N-31W

Mississippian Kogruk Formation, Lisburne Group,
interbedded chert and dolomite.  7-18-11
NE/4 10-33N-30W
Kogruk Formation, Lisburne Group.
Cross-bedding in finely laminated crystalline lime dolomite. 7-21-1
SE/4 6-32N-31W
Lisburne Group coral beds.  7/22-2
NW/4  28-7S-60W
Lisburne Group coral beds. 7/22-2
NW/4 28-7S-60W

Lisburne Group hex coral head. 7/22-2
NW/4 28-7S-60W
Mississippian Lisburne Group
hex coral head cross-section. 7/22-1
E/2 17,20-7S-60W

Lisburne Kogruk Formation hexagonal coral head. 7/22-1
E/2 17,20-7S-60W
Lisburne Group interbedded limestone and shale. 7/22-1
E/2 17,20-7S-60W
Mississippian Nasorak Formation, Lisburne Group, folded limestone and black shale. 7-18-15
NE/4 18-34N-30W
Aerial view of Permo-Triassic Agate Rock.
SW/4 T32N, R32W
Agate Rock. View of Triassic shale. 7-17-2
35-32N-32W
Agate Rock. Folds in dark shale and light siliceous mudstone. Permo-Triassic. 7-17-2 35-32N-32W

Agate Rock. Permo-Triassic lime and siliceous section. 7-12-2 35-32N-32W
Triassic pelecypod bed.

Agate Rock. Permo-Triassic shale and chert in tight folds. 7-17-2
35-32N-32W
Permo-Triassic shale. 7/20 lunch stop.
22-7S-59W
Permo-Triassic chert, siliceous mudstone and shale. 7/23-6
NW/4 32-34N-22W
Black shale, carbonaceous, uncertain age.
(? Jurassic or Triassic) 7/21-4
SW/4 18-8S-50W.

(? Early Cretaceous Ogotoruk or
Triassic Shublik soft black shale. 7/20-2
NE/4 8-7S-59W
Early Cretaceous Ogotoruk stream-cut outcrop. 7/18-10
NE/4 12-33N-30W
Early Cretaceous Ogotoruk sand/shale turbidite sequence. 7-18-10
NE/4 12-33N-30W
Early Cretaceous Kisimilok shale, silt and very fine-grained sandstone. 7-18-4
SW/4 15-31N-30W
Early Cretaceous turbidite section (?) showing Brookian faulted folds. 7-20-1
5,6-7S-59W
Large wood fragment in Early Cretaceous turbidite section (?). 7-20-1
5,6-7S-59W

Early Cretaceous (?) turbidite section showing tight folds in sand and shale. 7-20-1
5,6-7S-59W
Early Cretaceous Fortress Mountain sand/shale turbidite sequence. 7-18-6
NW/4 34-32N-29W
Nanushuk Group channel sandstone and shale. 7/20-8
SE/4 36-6S-56W

Nanushuk Group channel sandstone with shale and coal. 7/20-8
SE/4 36-6S-56W
Nanushuk Group coal and thick overlying channel conglomerate with tool marks at base. 7/20-8 SE/4 36-6S-56W

Nanushuk Group coarse channel facies. 7/20-8 SE/4 36-6S-56W
Close up view of Exxon core rig and Jon Bloom, geologist.
Jon Vaitl and F. X. O'Keefe at north shore Chukchi Sea, Lisburne Peninsula.
Dead headless walrus.

Close-up of bear tracks on gravel beach.
Eagle birdnest on Nanushuk Group.  7/20-8

Nanushuk Group with downy baby eagles in nest.  7/20-8
Birds on cliff.
Seagull.

Puffin.
Barrow, Alaska.

Point Barrow, Alaska.
Will Rogers Memorial, south of Barrow, Alaska.

Will Rogers/Wiley Post Memorial, Barrow, Alaska.
De Long Mountains.

Devonian Baird Group limestone,
De Long Mountains. 7/23-7
T31N-R21W
Red Dog Mine camp, De Long Mountains.

Cape Lisburne DEW line radar station.

Cape Sabine DEW line station.
Point Lay Village.

Wainwright Village.