



EXPLANATION

SEDIMENTARY ROCKS

- Qal — PLEISTOCENE SEDIMENTS
- Tm — MIOCENE-PLIOCENE SEDIMENTS
- Tm? — EOCENE-PALEOCENE MESHIK FM — VOLCANICLASTICS AND VOLCANICS
- Ti — PALEOCENE TOLSTOI FM — CLASTICS
- Kun — INCLUDES ALL U. CRETACEOUS ROCKS
- Kh — WHERE DIFFERENTIATED, U. CRETACEOUS TO PALEOCENE HOODOO FM.
- Kc — WHERE DIFFERENTIATED, U. CRETACEOUS COAL VALLEY & CHIGNIK FMS.
- Jnu — UPPERMOST MAPPABLE UNIT OF THE NAKNEK FORMATION, DARK GREEN SILTSTONE W/BUCHIA
- Jruf — UPPER JURASSIC FRIABLE SANDS, MARINE TO NON-MARINE ARKOSES INFERRED TO BE POTENTIAL RESERVOIR
- Jrn — UNDIFFERENTIATED NAKNEK FM AND OLDER ROCKS. INCLUDES ROCKS OF SHELIKOF FM IN CORE OF ANTICLINE

IGNEOUS ROCKS

- Ti — TERTIARY INTRUSIVE, MIOCENE-PLIOCENE AGE.
- STRIKE AND DIP
- CONTACT
- FAULT W/RELATIVE MOVEMENT; DOTTED WHERE INFERRED
- THRUST FAULT
- ANTICLINE W/DIRECTION OF PLUNGE
- SYNCLINE W/DIRECTION OF PLUNGE
- OVERTURNED SYNCLINE
- LINE OF CROSS SECTION

0 1 2 3 miles
SCALE 1:63,360



CFS3 0041


 Amoco Production Company
 Denver Region
 FAR WEST DIVISION
 Geol. Rept. FW-18-81
**GEOLOGIC MAP OF THE
 CHIGNIK ANTICLINE AREA**
ALASKA PENINSULA, ALASKA
 By: R. L. BILLINGSLEY Date: DECEMBER, 1981
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