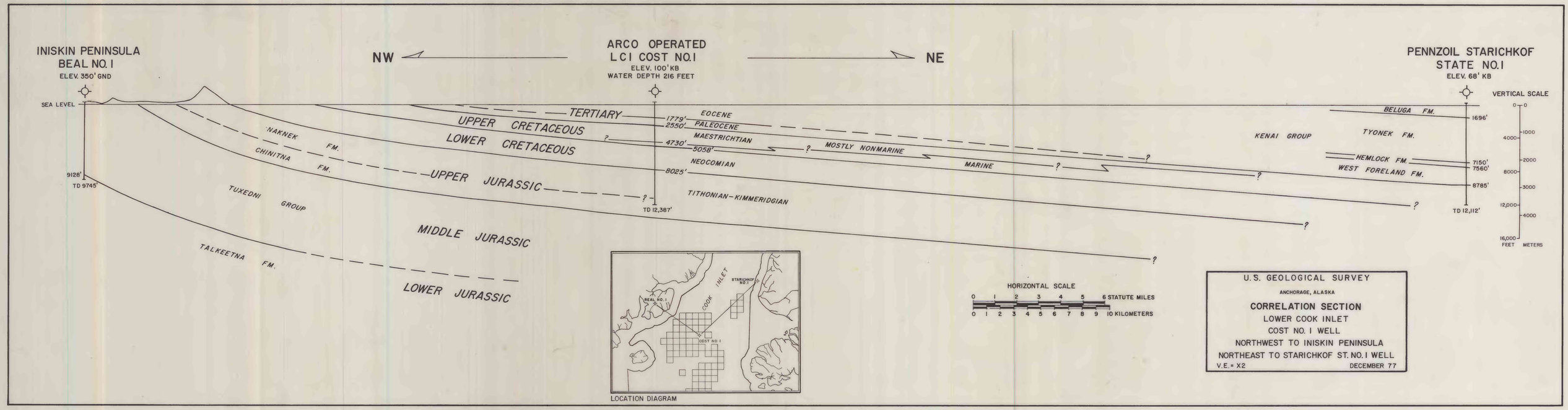
INISKIN PENINSULA
BEAL NO. 1
ELEV. 350' GND
NW
ARCO OPERATED
LCI COST NO. 1
ELEV. 100' KB
WATER DEPTH 216 FEET
NE
PENNZOIL STARICHKOF
STATE NO. 1
ELEV. 68' KB
VERTICAL SCALE
SEA LEVEL
9128'
TD 9745'
TD 12,387'
TD 12,112'
TERTIARY
UPPER CRETACEOUS
LOWER CRETACEOUS
UPPER JURASSIC
MIDDLE JURASSIC
LOWER JURASSIC
NAKNEK FM.
CHINITNA FM.
TUXEDNI GROUP
TALKEETNA FM.
1779'
2550'
4730'
5058'
8025'
EOCENE
PALEOCENE
MAESTRICHTIAN
NEOCOMIAN
TITHONIAN-KIMMERIDGIAN
MOSTLY NONMARINE
MARINE
KENAI GROUP
BELUGA FM.
TYONEK FM.
HEMLOCK FM.
WEST FORELAND FM.
1696'
7150'
7560'
8785'
0
4000
8000
12,000
16,000
FEET
0
1000
2000
3000
4000
METERS
COOK INLET
STARICHKOF NO. 1
BEAL NO. 1
COST NO. 1
LOCATION DIAGRAM
HORIZONTAL SCALE
0 1 2 3 4 5 6 STATUTE MILES
0 1 2 3 4 5 6 7 8 9 10 KILOMETERS
U.S. GEOLOGICAL SURVEY
ANCHORAGE, ALASKA
CORRELATION SECTION
LOWER COOK INLET
COST NO. 1 WELL
NORTHWEST TO INISKIN PENINSULA
NORTHEAST TO STARICHKOF ST. NO. 1 WELL
V.E. = X2
DECEMBER 77