UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OPEN-FILE REPORT 81-615
PLATE 15 OF 17

ISOPACH MAP OF THE WEST FORELAND FORMATION, COOK INLET BASIN, ALASKA

1976

EXPLANATION

⊙510 Well location showing thickness in feet.

D / U Fault line.

This map has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature. It has not been updated since its original compilation.

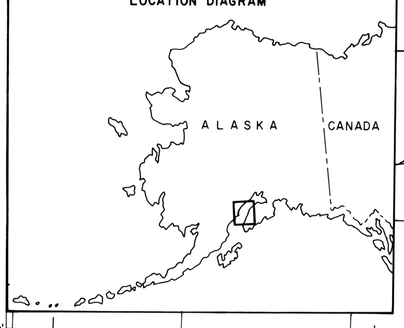
SCALE 1:192,000

CONTOUR INTERVAL - 100 FEET

5 0 5 10 miles

5 0 5 10 15 kilometers

LOCATION DIAGRAM



N

ROCKS

Kustatan River

Drift River

Swanson River

Union Bachatna Creek Unit No. 1 340

Amoco Bachatna Creek State 56446 No. 1 ⊙310

Hartog North Kustatan State No. 1 EST. 800

Shell Johnson Slough No. 1 280

Union Bachatna Creek Unit No. 7 510

Amoco West Foreland No. 1 865

Shell Foreland Channel State No. 1 EST. 1050

Amoco Foreland State 29691 No. 1 ⊙921

Amoco Redoubt Shoal State 22064 No. 1 ⊙1208

Socal Kustatan Unit 43-30 ⊙730

Tenneco State 36465 No. 1 EST. 1200

Halbouty King 1-B EST. 1200

KENAI

Union Sterling Unit 23-15 EST. 1700

Trinity-Canadian Homesteaders Unit No. 1 EST. 1400

HIGHWAY

Union Kenai Unit No. 14-6 EST. 1700

Kenai River

STERLING

Union Cahoe Unit No. 1 EST. 1450

EST. 1600 Union Kasilof State No. 1

TUSTUMENA

LAKE

EST. 1650 Socal Falls Creek No. 1

Marathon Clam Gulch State No. 1 N/A

HIGHWAY

1652 Union Ninilchik No. 1

Mobil Ninilchik Unit No. 1 ⊙860 (FAULTED)

EST. 1100 Amoco Edna Mae Walker No. 1

Socal Deep Creek Unit No. 1 1125

Superior Happy Valley Unit No. 31-22 1810

Arco Drift River State No. 1 1221

1150 Hunt Kalgin Island State No. 1

KALGIN ISLAND

1077 Hunt Old Mans Bay State No. 1

APPROXIMATE LIMIT OF KENAI GROUP

CRESCENT LAKE

Crescent River

Redoubt Creek

TUXEDNI BAY

CHISIK ISLAND

Redoubt River

Chakachatna River

EST. 1200 Pennzoil Starichkof State Unit No. 1

Pennzoil Starichkof State No. 1 1225

1225 Socal North Fork Unit No. 11-4

North Fork Unit No. 41-35 ⊙835

Socal Anchor Point No. 1 ⊙743

163 Gulf South Caribou Hills Unit No. 1

Socal Anchor River No. 1 ⊙ABSENT

BRADLEY LAKE

465 Occidental South Diamond Gulch Unit No. 1

Halbouty Fritz Creek No. 1 ABSENT

Texaco Coal Bay State No. 1 ABSENT

HOMER

APPROXIMATE LIMIT OF KENAI GROUP

500 1000 1500

670 713 715 756 760 800 804 840 849 887 894 931 938 975 982 7 14 50 58 94 101 137 145 180 188 222 232 266 276 310 320 353 364 397 408 441 452 485 496 529 540 573 584 617 627 661 671 705 715 749 759

R 18 W 20' R 17 W R 16 W 152°00' R 15 W R 14 W 40' R 13 W R 12 W 20' R 11 W R 10 W 151°00' R 9 W R 8 W 40'

T 10 N T 9 N T 8 N T 7 N T 6 N T 5 N T 4 N T 3 N T 2 N T 1 N T 1 S T 2 S T 3 S T 4 S T 5 S T 6 S T 7 S T 8 S T 9 S T 10 S

30' 20' 10' 50' 40' 30' 20' 10' 50' 40' 30' 20'