DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

MISCELLANEOUS GEOLOGIC INVESTIGATIONS
MAP I-450 (PLATE 4A)

THICKNESS MAP, INTERVAL B

SCALE 1:5 000 000

100 0 100 200 300 400 500 MILES

100 0 100 200 300 400 500 KILOMETERS

1967

EXPLANATION

Outcrop or well where rocks of mapped interval are present

Number is thickness, in feet; number with plus sign is minimum thickness, in feet; number with plus and minus signs is approximate thickness, in feet; plus sign alone means thickness unknown; triangle alone means thickness is known but, to avoid crowding, is not given. Where triangle is inverted, rocks of next higher interval are absent

Outcrop or well where rocks of mapped interval are absent

Where triangle is pointed upward, rocks of next higher interval are present

Composite section constructed from two or more outcrop or well sections

500 — — — — — — — —

Isopachs

Dashed in areas of poor control, dotted in areas where Permian rocks have not been penetrated by drill. Thickness in feet

U D

Fault

Dashed where control is poor. U, upthrown side; D, downthrown side

Trace of thrust fault

Sawteeth on upper plate

Line separating area in Texas where boundary between intervals B and C-D is at top of "Blaine Formation" and equivalents (north and east of line) from area where this boundary is at base of San Andres Limestone (south and west of line)

Area in vicinity of Permian rocks where older rocks are exposed

Not used in West Coast region

Area in vicinity of rocks of mapped interval where younger rocks have not been penetrated by drill

Not used in West Coast region

NOTE

Sections *A-A'* to *J-J'* (intervals A, B, and C-D) shown on plate 14, *K-K'* to *P-P'* (interval B) on plate 4B, and *Q-Q'* to *S-S'* (interval B) on plate 15

U.S. GEOLOGICAL SURVEY
WASHINGTON
MAY 25 1967
LIBRARY

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D.C.—1967—G44433

United States. Paleotectonic. Permian. U.S. 1967.
Sheet 4A,
cop. 2.

M(200)
I-450
Sheet 4A
c.2

G3700
.S3
1967
G438
I-450
sheet 4A
copy 2

3 1818 0017 4669 0