

EXPLANATION

- - - - - APPROXIMATE POSITION OF EXTREME SHELFWARD EDGE OF CAPITAN REEF COMPLEX.
- - - - - BASINAL EDGE OF CAPITAN REEF COMPLEX--Dashed where approximately located.
- 584 $\frac{476.9}{3657}$ P WELL AND IDENTIFICATION NUMBER--Upper number is water level below or above (+) land surface, in feet. Lower number is altitude of water level, in feet. R indicates reported measurement. P indicates well is completed or perforated in undifferentiated Permian rocks. Datum is sea level.
- GENERAL DIRECTION OF GROUND-WATER FLOW IN THE RUSTLER FORMATION--Arrows represent regional interpretations and do not necessarily fit individual control points.
- APPROXIMATE AREA OF RUSTLER FORMATION.

Base from U.S. Geological Survey
State base maps: New Mexico, 1927;
Texas, 1965.

Position of Capitan Reef Complex
modified from W.L. Hiss (1973 and 1975).

Data modified from Core Laboratories (1972),
V.L. Maley and R.M. Huffington (1953), W.L.
Hiss (1975).

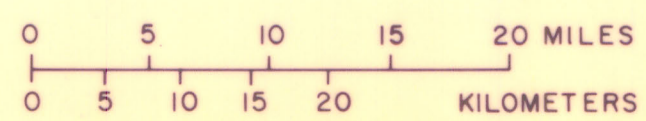


PLATE 3.--MAP SHOWING SELECTED WELLS AND WATER LEVELS IN THE RUSTLER FORMATION,
TEXAS AND NEW MEXICO.