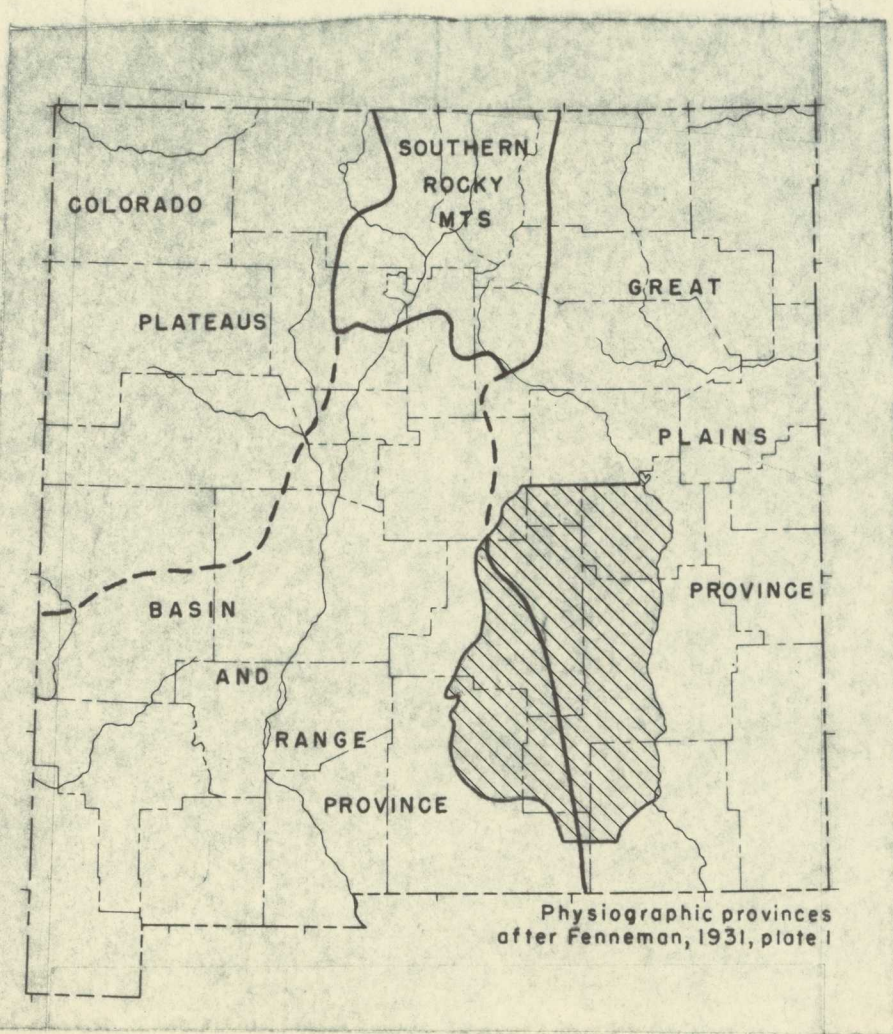




EXPLANATION

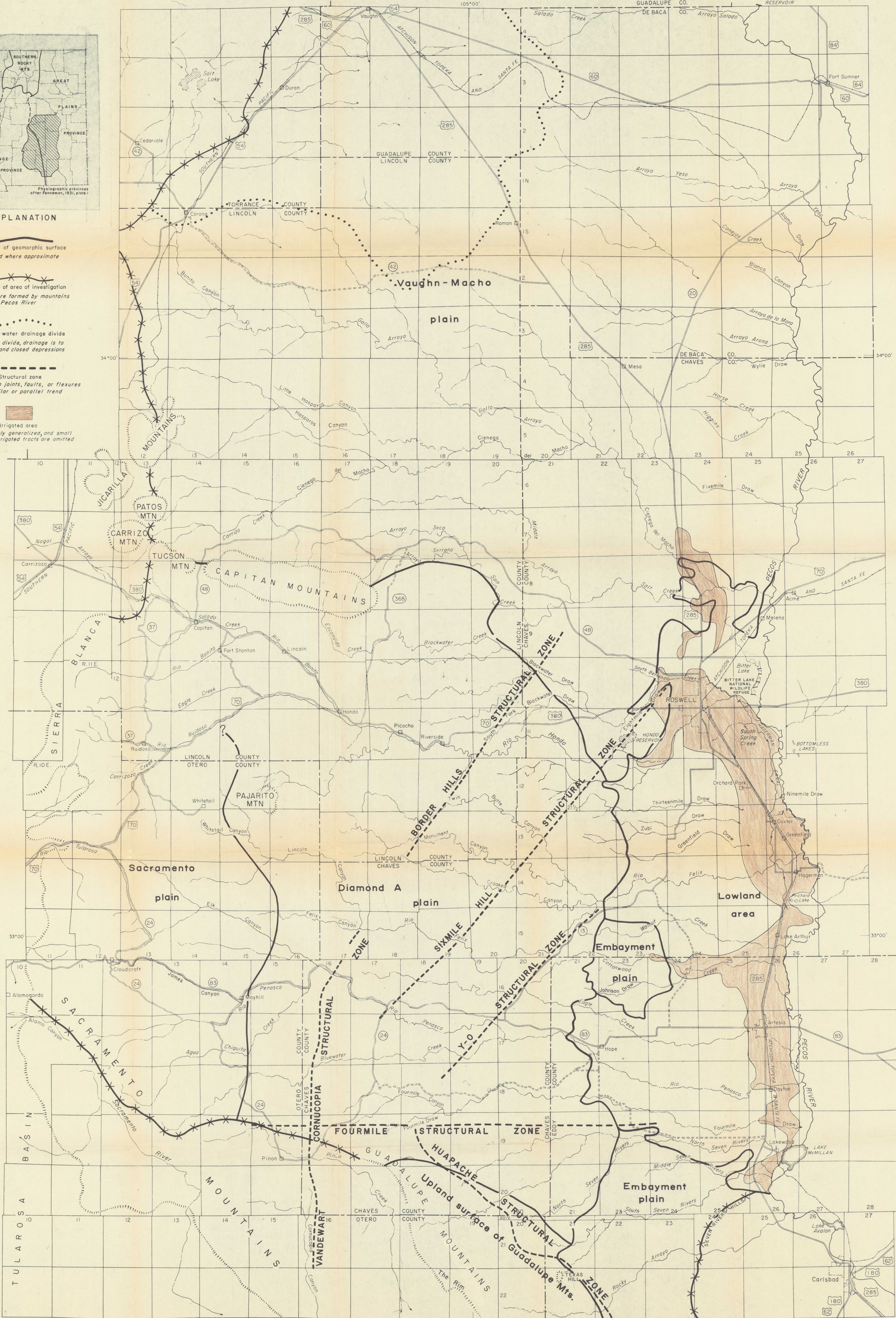
Boundary of geomorphic surface
Dashed where approximate

Boundary of area of investigation
Except where formed by mountains
and the Pecos River

Surface-water drainage divide
North of the divide, drainage is to
sinkholes and closed depressions

Structural zone
A zone in which joints, faults, or flexures
have a similar or parallel trend

Irrigated area
Area is highly generalized, and small
outlying irrigated tracts are omitted



Base from Army Map Service
N113-8, 13-11, and 13-5, 1958

5 0 5 10 15 20 Miles

Prepared by Ward S. Motts.

Outline of irrigated area adapted
from Mower, 1959.

Figure 1.--Map of part of the Roswell basin showing major geomorphic surfaces, structural zones, generalized outline of cultivated area in the Roswell-Artesia sector, and an insert map of New Mexico outlining physiographic provinces and the area of investigation (diagonal lines)