

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

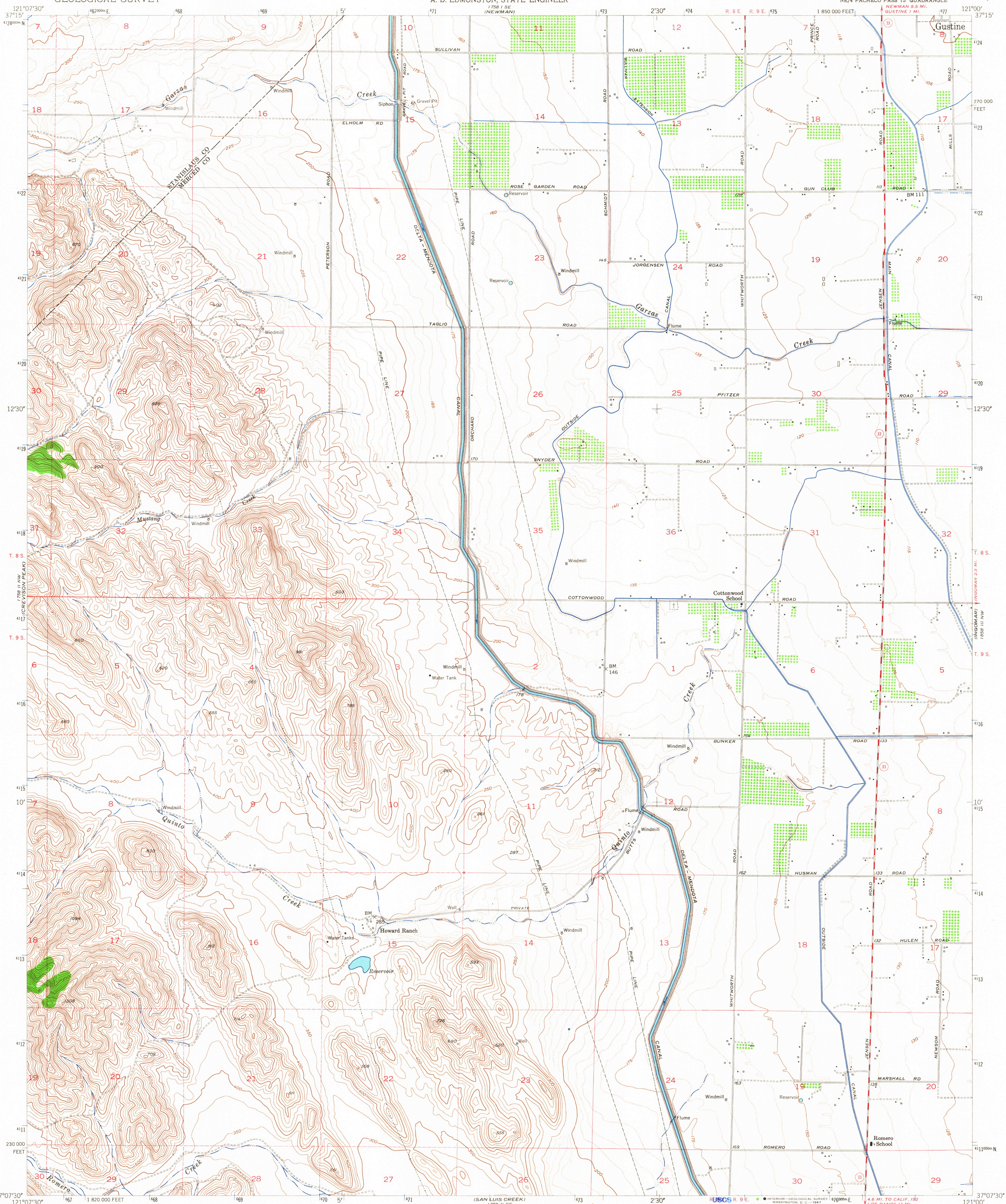
STATE OF CALIFORNIA
GOODWIN J. KNIGHT, GOVERNOR
FRANK B. DURKEE, DIRECTOR OF PUBLIC WORKS
A. D. EDMONSON, STATE ENGINEER

HOWARD RANCH QUADRANGLE
CALIFORNIA

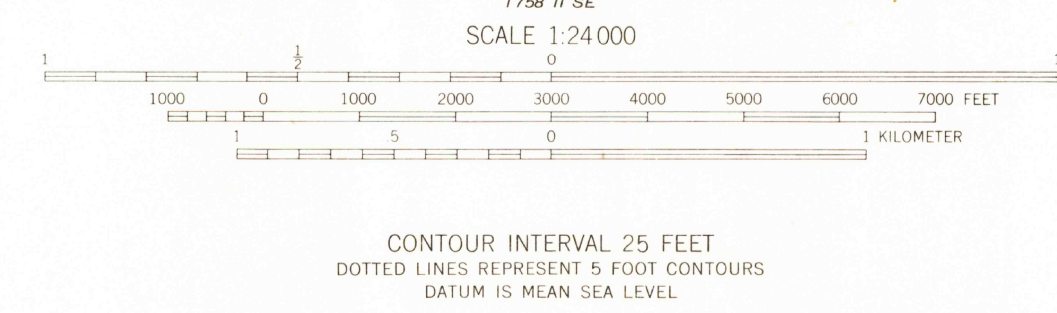
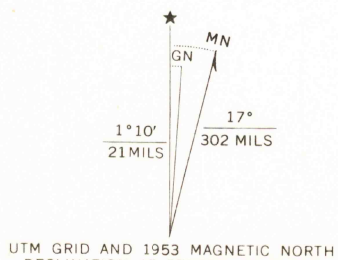
7.5 MINUTE SERIES (TOPOGRAPHIC)

NE/4 PACHECO PASS 15' QUADRANGLE

NEWMAN 5.5 MI.
GUSTINE 1 MI.



Mapped, edited, and published by the Geological Survey
Control by USGS
Topography by plane-table surveys. Mapped 1916
Culture and drainage revised from aerial photographs taken 1949
Field check 1953
Polyconic projection. 1927 North American datum
10,000-foot grid based on California coordinate system, zone 3
Dashed land lines indicate approximate locations
1000-meter Universal Transverse Mercator grid ticks,
zone 10, shown in blue



Historical File
Topographic Division

ROAD CLASSIFICATION
Heavy-duty 4 LANE 16 LANE Light-duty
Medium-duty 4 LANE 16 LANE Unimproved dirt
U.S. Route State Route



U.S.G.S.
FILE COPY
TOPOGRAPHIC DIVISION

HOWARD RANCH, CALIF.
NE/4 PACHECO PASS 15' QUADRANGLE
N3707.5-W12100/7.5

1953

AMS 1758 II NE-SERIES V895

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225 OR WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST