

EXPLANATION

Sedimentary Rocks

Qal

alluvium
clay, silt, sand,
gravel

Td

Terrace Deposits
clay, silt, sand, gravel

Ts

Saugus formation
conglomerate, sandstone, reddish mudstone, Tor, Sunshine
Ranch member, greenish siltstone and sandstone, conglomerate

To

Tost

Tpcg

Pico formation
siltstone, sandstone, conglomerate, Tpst, siltstone, Tpcg,
conglomerate, sandstone

Tt

Ttst

Ttgc

Towsley formation
mudstone, shale, siltstone, sandstone, conglomerate, Tfst,
mudstone, shale, siltstone, Ttgc, conglomerate, sandstone

Tm

Modelo formation
mudstone, shale, siliceous shale, sandstone, limestone

Tm

Min Canyon formation
mudstone, siltstone, tuff, sandstone, conglomerate, tuff

Te

Eocene rocks
siltstone, sandstone, conglomerate

Igneous and Metamorphic Rocks

PK

Basement complex
Placerita formation; schist, gneiss, quartzite, marble; Rubia diorite; hornblende
and biotite diorite gneiss. Plutonic igneous rocks ranging in composition
from granite to quartz diorite.

Geologic boundary or position of mapped
bed (dashed line where approximately
located)

Boundary of surficial deposits

Fault, showing dip (dashed line where
approximately located or inferred, dotted
line where concealed; T, doubtful; fault U,
upthrown side; E, downthrown side)

Fault, showing relative movement

Thrust fault (T, upper plate)

Anticline, showing trace of axial plane
and direction of plunge of axis (dashed line
where approximately located, dotted
line where concealed)

Syncline, showing trace of axial plane and
direction of plunge of axis (dashed line
where approximately located, dotted line
where concealed)

Overturned anticline, showing trace of
axial plane and direction of dip of
limbs

Overturned syncline, showing trace of
axial plane and direction of dip of
limbs

Strike and dip of beds

Strike and dip of overturned beds

Strike of vertical beds (the position of
the figure "90" indicates the up side
of the beds)

Horizontal beds

Approximate dip of beds, strike
undetermined

Megafossil locality

Microfossil locality

Vertebrate fossil locality

Location of foraminiferal section, showing
sample numbers or ends of section and
at selected points

Dry hole

Producing oil well

Shut-in oil well

Abandoned oil well

Producing gas well

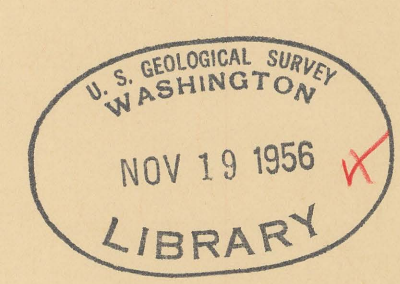
Abandoned oil well converted to water

Water drive

Landslide

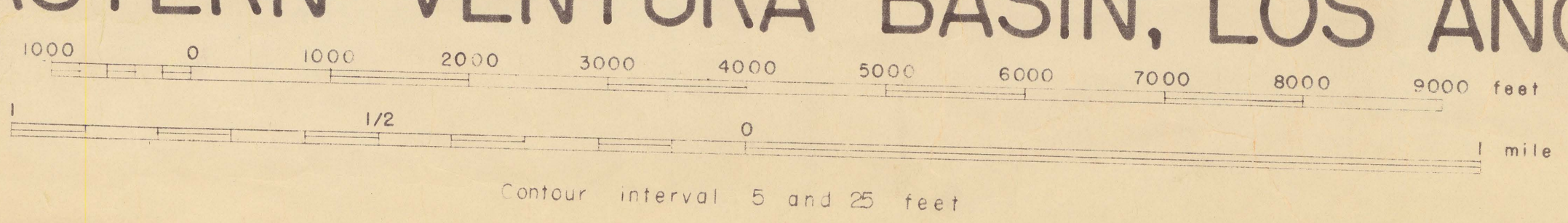
Base from U.S. Geological Survey maps
of Castaic and Pico quadrangles

Geology by E.L. Winterer & D.L. Durbin
Surveyed in 1949-1952

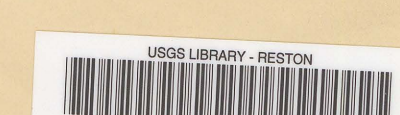


Test in
(200)
R270
no 398

GEOLOGIC MAP OF SOUTHEASTERN VENTURA BASIN, LOS ANGELES COUNTY, CALIFORNIA



California (Ventura Basin SE). Geol. 1:12,000. 1952.
Sheet 1-2,
cop. 1.



OPEN FILE

This report is preliminary and has not
been edited or revised for conformity
with U. S. Geological Survey standards
and nomenclature.