Pitas Point fault (?) of Weber, et al. Offshore data for their report was confidential oil company data; thus this fault trace may be from a deeper horizon and not the ocean floor.

Pitas Point fault of Sarna-Wojcicki, et al. Plotted from Figure 3 of their report, scale 1 inch equals 0.7 miles. This fault "displaces Holocene deposits and shows apparent vertical separation of about 25 m, upon the north," somewhere offshore near here (also Green, ms).

fault, well located
fault, approximately located
fault, buried
air photo lineament, by T.C. Smith, except as noted; green is Weber, et al.
scarp, from air photo interpretation by T.C. Smith, except as noted
scarp / swale } From Sarna-Wojcicki, et al.

color code
Weber, et al, 1975
Sarna-Wojcicki, et al.: lineament or fault feature
fault feature, field checked

Fairchild Air Photos (Whittier Collection):
C 2978 flown 1920, scale 1:24000
C 104 flown 1927 scale 1:18000

"Linear trend of vegetation or vegetational contrast, and/or soil contrast" from Fairchild Air Photos: by Weber, et al 1975

Flight C104, #A8-A9: No lineament through the Ventura River deposits

Weber, et al (1975): 80° S dip of San Pedro Fm. in cut on W side of Poli St., steepening abruptly from 45° just 400 ft. to the north, suggests that N dipping Ventura fault may be concealed at the base of the slope, within a few hundred feet south of the cut.

Note: Flight C2978 photos were checked for all lineaments noted by Sarna-Wojcicki. All those which could be discerned by me are noted with a ✓. Photos A1-A9 cover the fault. Other notes appear when appropriate: TCS.

Note: Calif. Dept. of Oil & Gas maps show the T.R. survey lines in locations differing from U.S.G.S. maps, thus the location of Corehole #5 may be off by several hundred feet. Corehole #5 is probably located near here on maps and probably is incorrect.

Sarna-Wojcicki, et al. note earthquake epicenter in this area (M > 3.5). Solution of this epicenter agrees with fault geometry postulated (known, other epicenter data does not agree all that good - depth not noted: TCS). Seq occurred 1870-1872. Another M 2.1 earthquake is located shallow as having occurred within the area labled "E2". Fault plane solution indicates E-W compression. Another earthquake M = 2.5-3.5 is also supposed to have occurred in this same area.

Weber, et al: Deflected or possibly offset drainage.

This trough could be an old stream course - cut and abandoned prior to last event: TCS.

Weber, et al: Holocene, after Cilweck.

Hospital trench site; loc. of trench noted.

Faulting of terrace deposits (?) observed by Smith and Hart (May 9, 1976)

Weber, et al (1975): Late Quaternary; Terrace deposits in hills. Not Ventura are known to be faulted but faults not mapped. This locality shows one of these faults, a bedding plane fault in San Pedro Fm. which continues into the overlying terrace deposits, displacing the base normally to the south about 2-4 feet and may continue up into the soil at the surface.

TCS: Observed no such lineament; no displacement noted in cliff (topographic)

This part of lineament is a tonal lineament (soil & vegetation) but did not note any change in slope along this trend: TCS.

Did not note any change in slope along this trend: TCS.

Plate 1. FER-13.
The Ventura fault in the Ventura quadrangle.

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography from aerial photographs by multiplex methods
Aerial photographs taken 1947. Field check 1951

Selected hydrographic data compiled from USC&GS Chart 5007
This information is not intended for navigational purposes

Polyconic projection. 1927 North American datum
10,000-foot grid based on California coordinate system, zone 5
1000-meter Universal Transverse Mercator grid ticks, zone 11, shown in blue

Red tint indicates areas in which only landmark buildings are shown

Data shown in purple compiled from aerial photographs

UTM GRID AND 1967 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
GN MN 1°18' 23 MILS 15½° 276 MILS

SCALE 1:24 000
1 ½ 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETER

CONTOUR INTERVAL 20 FEET
DOTTED LINES REPRESENT HALF-INTERVAL CONTOURS
DATUM IS MEAN SEA LEVEL

DEPTH CURVES IN FEET—DATUM IS MEAN LOWER LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 4 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CALIF
QUADRANGLE LOCATION

ROAD CLASSIFICATION
Heavy-duty — Light-duty
Medium-duty — Unimproved dirt
U. S. Route — State Route

VENTURA CALIF.
SE/4 VENTURA 15' QUADRANGLE
N3415—W11915/7.5

1951
PHOTOREVISED 1967

17-1