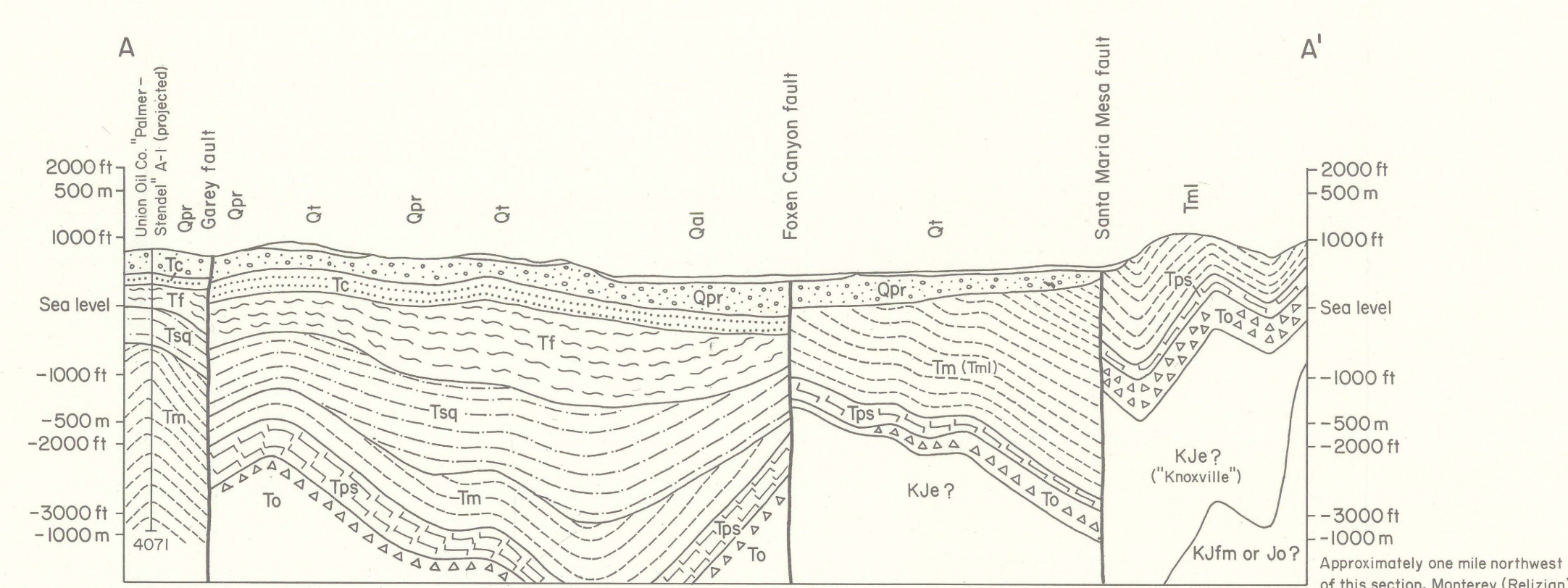
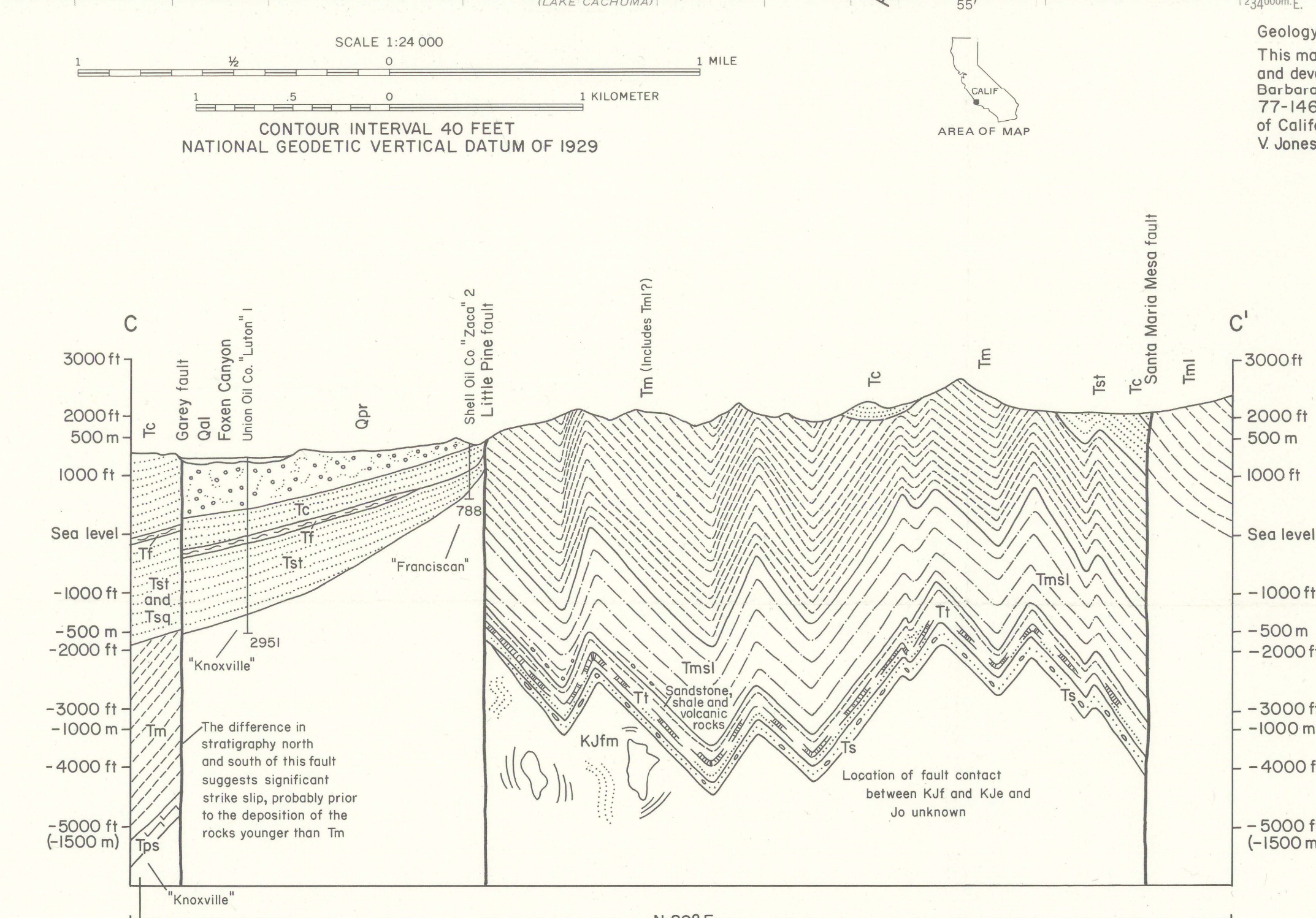
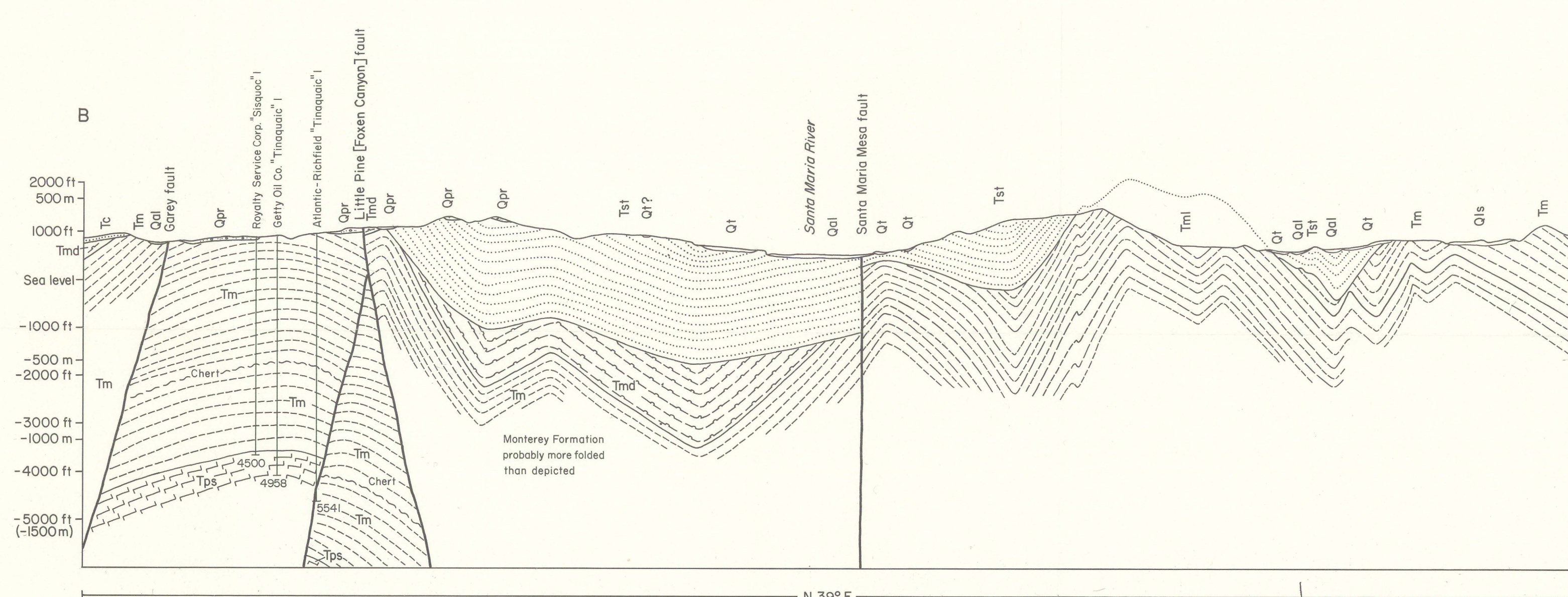


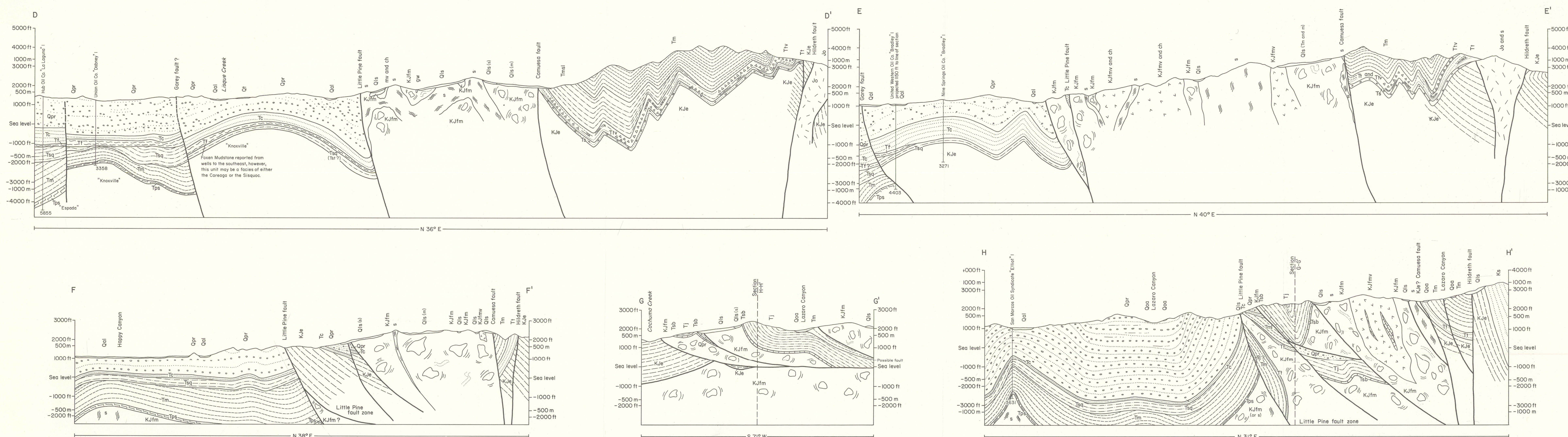


N 20° E		
Heavily denuded watershed of hills suggest that there are structural highs and lows with a northwest trend. Subsurface faults suggest that the Monterey is Monsoon in age. The Oligocene Formation is inferred to be present since about 5000 feet below the top of the formation was present in Union Oil Co. Hutton #1 [see 21, 9 N, 18, W, S.W.] Cross section 4-D of welling and Monterey (1950) shows the Garry fault cutting from Hoback to Monterey section. In 1949, before the Garry fault was drilled, Monterey and older rocks. The best immediate evidence seems to support a late Miocene to Pliocene age. Monterey (1950). The Garry fault represents a part of the Little Pine Fault zone, a part of the orogen of the Santa Maria basin, and has increased movement since its probable inception in the mid-Miocene.	Exploratory in wells in this fault block encountered thin "Cretaceous" and "Franciscan" rocks.	Forerunner? evidence suggests that the Monterey is Monsoon in age. The Oligocene Formation is inferred to be present since about 5000 feet below the top of the formation was present in Union Oil Co. Hutton #1 [see 21, 9 N, 18, W, S.W.] Best immediate evidence seems to support a late Miocene to Pliocene age. Monterey (1950). The Garry fault represents a part of the Little Pine Fault zone, a part of the orogen of the Santa Maria basin, and has increased movement since its probable inception in the mid-Miocene.



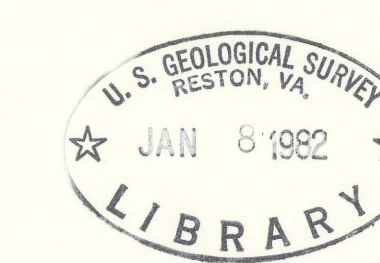
Geology mapped 1978-79

This map represents a part of the "Study of the origin and development of the Santa Maria-Lampoc basin, Santa Barbara County, California," supported by NSF Grant EAR 77-14676. Drafting was done by the staff of the University of California, Los Angeles. The work of M. J. Guenther and V. Jones is especially appreciated.



MAP OF GEOLOGY ALONG THE LITTLE PINE FAULT, PARTS OF THE SIQUOC, FOXEN CANYON, ZACA LAKE, BALD MOUNTAIN, LOS OLIVOS,
AND FIGUEROA MOUNTAIN QUADRANGLES, SANTA BARBARA COUNTY, CALIFORNIA

By
Clarence A. Hall Jr.
1981



See sheet I for explanation

Interior—Geological Survey, BOSTON, VA.—720

M(200)
MF-1285
Sheet 2
c. 1

