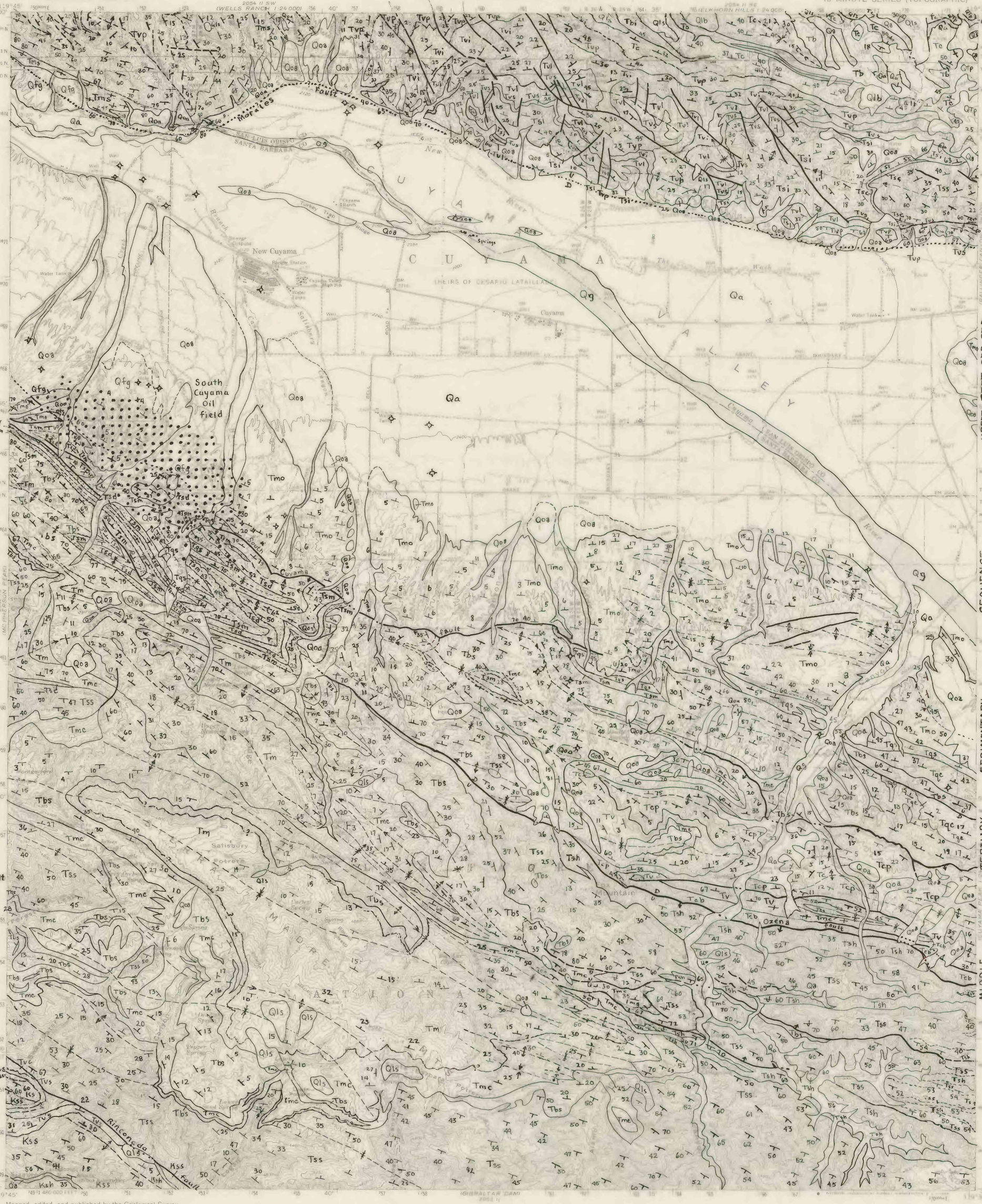
U.S. GEOLOGICAL SURVEY
OPEN FILE MAP

72-89

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

SALISBURY CANYON QUADRANGLE
CALIFORNIA
15 MINUTE SERIES (TOPOGRAPHIC)



Mapped, edited, and published by the Geological Survey

Control by USGS, USC&GS, and U. S. Forest Service

Compiled in 1965 from 1:24 000-scale maps dated 1964

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

Certain land lines are omitted because of insufficient data

UTM GRID AND 1964 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

CONTOUR INTERVAL 80 FEET
DOTTED LINES REPRESENT 40-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL

COMPILED BY T.W. DIBBLEE JR., 1971

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
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

ROAD CLASSIFICATION

Heavy duty — Light duty
Unimproved dirt
State Route

SALISBURY CANYON, CALIF.
N3445—W11930/15
1964
AMS 5053 I—SERIES V795

QUATERNARY

Qg / Qa — Surficial sediments
Qg, river sand-gravel
Qa, alluvium

Qls / Qlb — Landslide debris
Qls, landslide of sandstone or shale debris
Qlb, landslide of shale debris

Qoa — Older alluvium
UNCONFORMITY

Qfg — Fan gravel
UNCONFORMITY

QTp — Paso Robles ? Formation (terrestrial gravel)
UNCONFORMITY

Tmo — Morales Formation (terrestrial gravel and sand)

Tqs / Tqc — Quatal Formation (terrestrial)
Tqs, sandstone and red clay
Tqc, conglomerate

DISCONFORMITY ?

TERTIARY

Tsm / Tsd — Santa Margarita Formation (marine)
Tsm, white sandstone
Tsd, diatomaceous shale

Tb / Tbi — Basalt
Tb, extrusive
Tbi, intrusive

Tm / Tmc Tms / Tbs / Tc — Monterey Shale, Branch Canyon Sandstone, and Caliente Formation
Tm, Monterey Shale (marine silic. shale, middle Miocene)
Tmc, Monterey Shale (marine clay shale, middle and late early Miocene; includes Tms, Saltos Shale Member in Caliente Range
Tbs, Branch Canyon Ss. (marine)
Tc, Caliente Fm. (terrest. red beds)

Tv / Tvp / Tvi / Tvl / Tvs — Vaqueros Formation (marine, lower Miocene and upper Oligocene)
Tv, undiff. sandstone
Tvp, Painted Rock Sandstone (and shale) Membr. (lower Miocene)
Tvi, interb'd shale and sandst.
Tvl, Soda Lake Shale Member
Tvs, Quail Canyon Sandst. Member

Tcp / Tcb — Caliente Formation of Santa Barbara Canyon (Pato Red Member of Vaqueros Formation of English, 1916)
Tcp, terrestrial red beds
Tcb, breccia and conglom. of sandstone detritus

Tsi / Tsc — Simmler Formation (terrestrial)
Tsi, red-gray sandst. and shale
Tsc, conglomerate

UNCONFORMITY

Tss / Tsh — Unnamed strata (marine)
Tss, sandst. shale, local conglom.
Tsh, shale

CRETACEOUS

Kss / Ksh — Unnamed strata (marine)
Kss, sandst. and shale
Ksh, shale

Holocene
Pleistocene
Pliocene
Miocene
Oligocene and Miocene
Oligocene
Paleo. & Eoc.
Upper

UPPER TERT. SED. SEQ.
MIDDLE TERTIARY SEDIMENTARY SEQUENCE

Contact
Dashed where gradational or approximately located

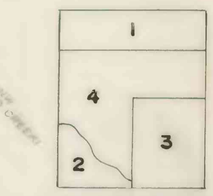
Fault
Dashed where doubtful
Dotted where concealed
U, Upthrown side
D, Downthrown side
Arrows indicate horizontal movement
single arrow indicates dip of fault

Anticline — Syncline
Axis of fold, showing direction of plunge

Horizontal
30 Inclined
Vertical
70 Overturned
Strike and dip of strata

Abandoned well drilled for oil or gas

Oil well



INDEX TO SOURCE OF GEOLOGY
1. Vedder and Repenning, 1965
2. Vedder and others, 1967
3. Vedder, 1968
4. T.W. Dibblee Jr., unpub.

References: Vedder, J.G., and Repenning, C.A., 1965, Geologic map of southeastern Caliente Range, San Luis Obispo Co. Calif. U.S. Geol. Surv. oil and gas inv. Map OM-217; Vedder, J.G., Gower, H.D., Clifton, H.E., and Durham, D.L., 1967, Recon. geol. map of the central San Rafael Mtns. and vicinity, Santa Barbara Co. Calif. U.S. Geol. Surv. misc. geol. inv. Map I-487; Vedder, J.G., 1968, Geol. map of Fox Mountain quad., Santa Barbara Co., Calif.: U.S. Geol. Surv. misc. geol. inv. Map I-457; English, W.A., 1916, Geology and oil prospects of Cuyama Valley, California. U.S. Geol. Survey Bull. 621-M, p. 191-215

This map is preliminary and has not been reviewed for conformity with U.S. Geological Survey standards and nomenclature.

GEOLOGIC MAP OF THE SALISBURY CANYON QUADRANGLE, CALIFORNIA