U.S. GEOLOGICAL SURVEY
OPEN FILE MAP

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DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES
DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS

POZO QUADRANGLE
CALIFORNIA-SAN LUIS OBISPO CO
15 MINUTE SERIES (TOPOGRAPHIC)

SW OF RINCONADA FAULT

MIDDLE TERT. SED. SEQ.

Tm — Monterey Shale (marine, hard siliceous shale; upper & middle Miocene) — Miocene, TERTIARY

Tv — Vaqueros ? Sandst. (marine) — Miocene, TERTIARY

UNCONFORMITY

CRETACEOUS (& U.JUR. ?) MARINE SEDIMENTARY SEQ.

Kss | Ksh — Unnamed strata (marine)
Kss, sandstone
Ksh, shale — Upper CRETACEOUS

Kt — Toro Formation (marine shale) — JURASSIC? & CRETACEOUS

sp | sc — Serpentine
sp, serpentine
sc, silica-carbonate rock (altered from serpentine)

f — Franciscan rocks (shale, graywacke chert, greenstone)

NE OF RINCONADA FAULT

Qa — Alluvium, including stream gravel

Qls — Landslide debris

Qoa — Older alluvium

UNCONFORMITY

QTp — Paso Robles Formation (valley gravel and sand) — ? Pleistocene ? Holocene, QUATERNARY

UNCONFORMITY

Tsm | Tsd — Santa Margarita Form. (marine)
Tsm, white sandstone
Tsd, diatomac. shale

Tmw | Tms — Monterey Shale (marine, middle Miocene)
Tmw, Whiterock Bluff Shale Member (hard siliceous to soft punky shale)
Tms, Saltos Shale Member (clayey to semi-silic. shale) — SEDIMENTARY SEQUENCE, Miocene, TERTIARY

Tvs | Tvp — Vaqueros Formation (marine; lower Miocene-Oligocene)
Tvs, siltstone and silty sandstone
Tvp, Painted Rock Sandstone Member — MIDDLE

Tsc — Simmler Formation (terrestrial granitic boulder conglom. & sandstone) — Oligocene ?, TERTIARY

UNCONFORMITY

Tss | Tsg — Unnamed strata (marine)
Tss, sandstone and clay shale, minor congl. locally
Tsg, cobble conglom. — U. CRET. & L. TERT. SED. SEQ., ? Paleocene & Eocene

Kss | Ksg — Unnamed strata (marine)
Kss, sandstone, minor clay shale & congl.
Ksg, cobble conglom. — Upper CRETACEOUS

UNCONFORMITY

gr — Granitic rocks (granodiorite; including some quartz monzonite, quartz diorite and aplite)

Contact
Dashed where gradational or approximately located

U / D — Fault
Dashed where doubtful
Dotted where concealed
U, Upthrown side
D, Downthrown side
Arrows indicate horizontal movement

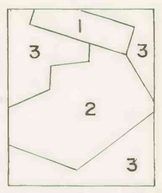
Anticline — Syncline
Axis of fold, showing direction of plunge

Horizontal
30 Inclined
Vertical
70 Overturned
Strike and dip of strata

Abandoned well drilled for oil or gas

Fossil locality

Microfaunal locality



INDEX TO SOURCE OF GEOLOGY
1. H. D. Gower (field work, 1965)
2. T. W. Dibblee Jr. assisted by R. D. Brown and R. A. Hope (field work, 1965)
3. T. W. Dibblee Jr. (field work, 1966)

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COMPILED BY T. W. DIBBLEE JR., 1971

GEOLOGIC MAP OF THE POZO QUADRANGLE, CALIFORNIA

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