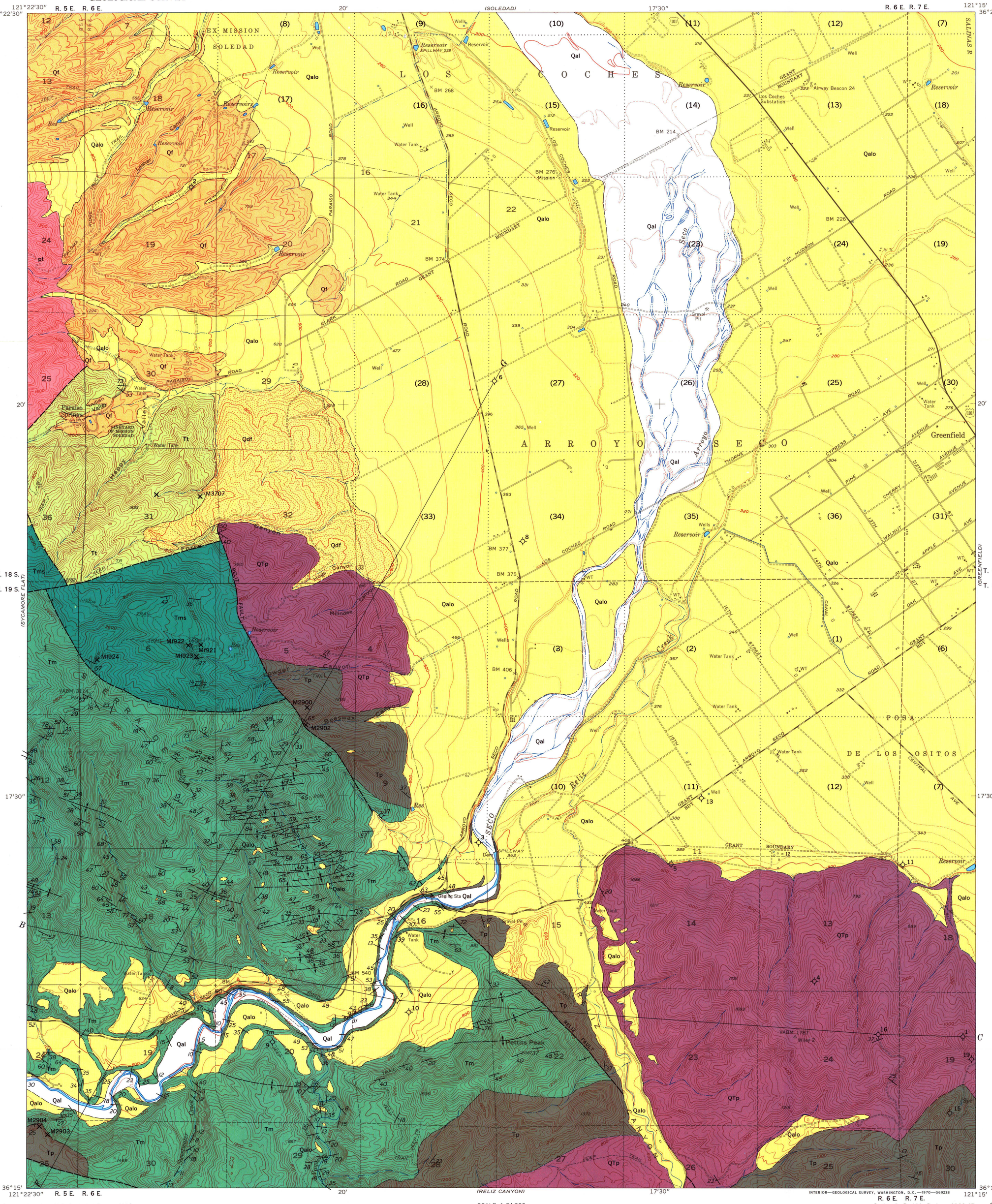


Base from U.S. Geological Survey, 1958

SCALE 1:24 000

1 ½ 0 1 MILE

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 40 FEET
DASHED LINES REPRESENT 10-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D.C.—1970—G69238

R. 6 E. R. 7 E.
Geology by David L. Durham, 1966–67; assisted by Roald L. Bendixen, 1966

QUADRANGLE LOCATION

EXPLANATION

QUATERNARY

Holocene

Qal — Alluvium
Sand and gravel

Pleistocene and Holocene(?)

Qdf — Debris-flow material
Angular fragments of Monterey Shale in earthy matrix

Qalo — Older alluvium
Sandy gravel, unconsolidated or semi-consolidated

Pleistocene

Qf — Fanglomerate
Breccia; larger clasts mainly schist

TERTIARY AND QUATERNARY(?)

Pliocene and Pleistocene(?)

QTp — Paso Robles Formation
Pebble conglomerate, sandstone, mudstone; nonmarine

TERTIARY

Pliocene

Tp — Pancho Rico Formation
Sandstone, locally fossiliferous, marine

Miocene

Tm, Tms — Monterey Shale
Tm, *upper part; porcelanite, porcelaneous mudstone, noncalcareous mudstone, and dolomitic carbonate rock; marine*
Tms, *Sandholdt Member; chiefly calcareous mudstone and shale; also contains porcelaneous rocks, dolomitic carbonate rock, and locally sandstone; abundant foraminifers; marine*

Tt — Tierra Redonda Formation
Sandstone, conglomerate, some mudstone; locally fossiliferous; marine

PRE-TERTIARY

pt — Basement complex
Schist; granodiorite or adamellite; aplite and pegmatite dikes; marble

Contact
Gradational or approximately located

Fault
Approximately located; queried where inferred

Anticline
Showing crestline; approximately located

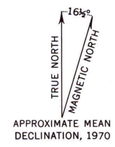
Syncline
Showing troughline; approximately located

28 Inclined — Vertical
Strike and dip of beds

Mf922
Fossil locality
Numbered according to table in text

19
Well drilled for oil
Numbered according to table in text

(12)
Projected section lines dotted; number of projected section in parentheses



APPROXIMATE MEAN DECLINATION, 1970

GEOLOGIC MAP OF THE PARAISO SPRINGS QUADRANGLE, MONTEREY COUNTY, CALIFORNIA