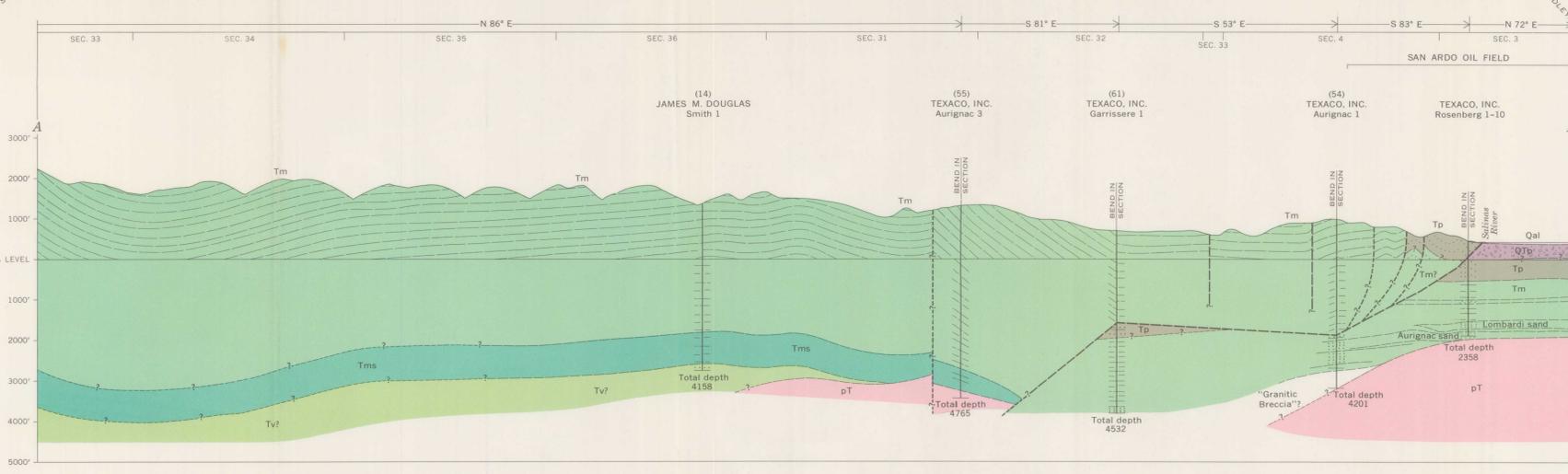


EXPLANATION

Recent	Qal	Aluvium	Unconsolidated sand and sandy gravel along stream
	Qa0	Older alluvium	Semiconsolidated gravel, sand, and mud
Pliocene and Pleistocene (?)	QTp	Paso Robles Formation	Conglomerate, sandstone, mudstone, and limestone; nonmarine
	Tp	Pancho Rito Formation	Sandstone, mudstone, and dolomitic carbonate beds; commonly fossiliferous; marine
Miocene	Tmd	Monterey Shale	Tmd, diatomaceous mudstone member; diatomaceous mudstone, porcellanite, and porcellanous mudstone; marine
	Tm		Tm, porcellanite, porcellanous mudstone, mudstone, dolomitic carbonate beds, chert, and vitric tuff; marine
	Tms		Tms, Sandhills Member (Subsurface only); mainly calcareous shale; marine
	Tv?	Vaqueros(?) Formation	(Subsurface only) Chiefly sandstone
PRE-TERTIARY	pT	Basement complex	(Subsurface only) Chiefly granitic rocks

---7---	Contact	Gradational or approximately located; queried where inferred
---7---	Fault	Approximately located; queried where inferred
---7---	Anticline	Showing crestline; approximately located
---7---	Overtured anticline	Showing direction of dip of limbs; approximately located
---7---	Syncline	Showing troughline; approximately located
12	Strike and dip of beds	
30	Strike and dip of overturned beds	
+	Strike of vertical beds	
⊕	Horizontal beds	
M1932	Component of dip	
○	Fossil locality	Numbered according to list of fossil localities in text
●	Producing oil well	Only selected wells shown
⊕	Unproductive well in oil field	Only selected wells shown
⊕59	Exploratory well or outpost well	Numbered according to table 2
(34)	Projected section line dotted;	number of projected section in parentheses
.....	Approximate boundary of oil field	
⚡	Landslide	

▨	Lithologic symbols	(Structure section only)
▨	Porcellaneous rocks, mudstone, shale	
▨	Sandstone	
▨	Conglomerate	



**GEOLOGIC MAP AND STRUCTURE SECTION OF THE HAMES VALLEY QUADRANGLE
MONTEREY COUNTY, CALIFORNIA**

