

# U. S. GEOLOGICAL SURVEY

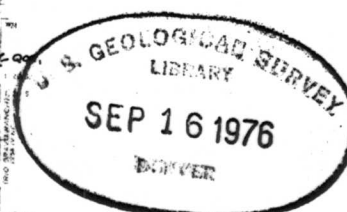
OPEN-FILE MAP 76-512

SHEET 1 of 4

OIL CENTER QUADRANGLE  
CALIFORNIA-KERN CO.  
7.5 MINUTE SERIES (TOPOGRAPHIC)



<div>Qya</div>	Younger alluvium	Holocene	QUATERNARY
<div>Qoa<sub>1</sub></div> <div>Qoa<sub>2</sub></div> <div>Qoa<sub>3</sub></div>			
Older alluvium	Pleistocene		
<div>QTkr</div>	Pliocene		
Kern River Fm. of Anderson (1911)			TERTIARY
<div>Tch?</div>	Chanac (?) Fm.	Miocene	
<div>Trm</div>			
Round Mtn. Silt			
<div>To</div>	Olcese Sand		



Contact

Faults

Dashed where inferred, queried where doubtful, dotted where concealed; U, upthrown side; D, downthrown side

Surface rupture associated with historic earthquake

Fault or lineament from aerial photos

Strike and dip of beds

Landslide

## GEOLOGY OF THE OIL CENTER QUADRANGLE

compiled by J.A. Bartow and M.P. Doukas, 1976

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

### SOURCES:

- Addicott, W. O., field work, 1953-54\*
- Bruer, Robinson, and others, unpub.
- Cole and others, 1945. Quaternary geology interpreted by D. E. Marchand (oral comm., 1975).
- Dibblee and others, 1965\*
- Dibblee and Warne, unpub.\*

\*Modified by field work and aerial photo interpretation, 1975.

### REFERENCES:

- Anderson, F. M., 1911, The Neocene deposits of Kern River, California, and the Tumbler Basin: Calif. Acad. Sci. Proc., 4th ser., v. 3, No. 3, p. 73-148.
- Bruer, W. C., Robinson, B., and others, Earthquake fissures in central and southwestern Kern County, unpub. map, 1952, in California Division of Mines and Geology, 1976, Special studies zones, Oil Center quadrangle, scale 1:24,000.
- Cole, R. C., and others, 1945, Soil survey of the Bakersfield area: U.S. Dept. of Agriculture, series 1937, no. 12, scale 1:63,360.
- Dibblee, T. W., Jr., Bruer, W. C., Hackel, Otto, and Warne, A. H., 1965, Geologic map of the southeastern San Joaquin Valley (Kern River to Grapevine Canyon), Kern County, California, scale 1:63,360, in Pacific Sect. AAPG-SEG-SEPM Guidebook, 1965.
- Dibblee, T. W., Jr., and Warne, A. H., unpub., Geologic map of the Edison quadrangle, Kern County, California, scale 1:62,500.