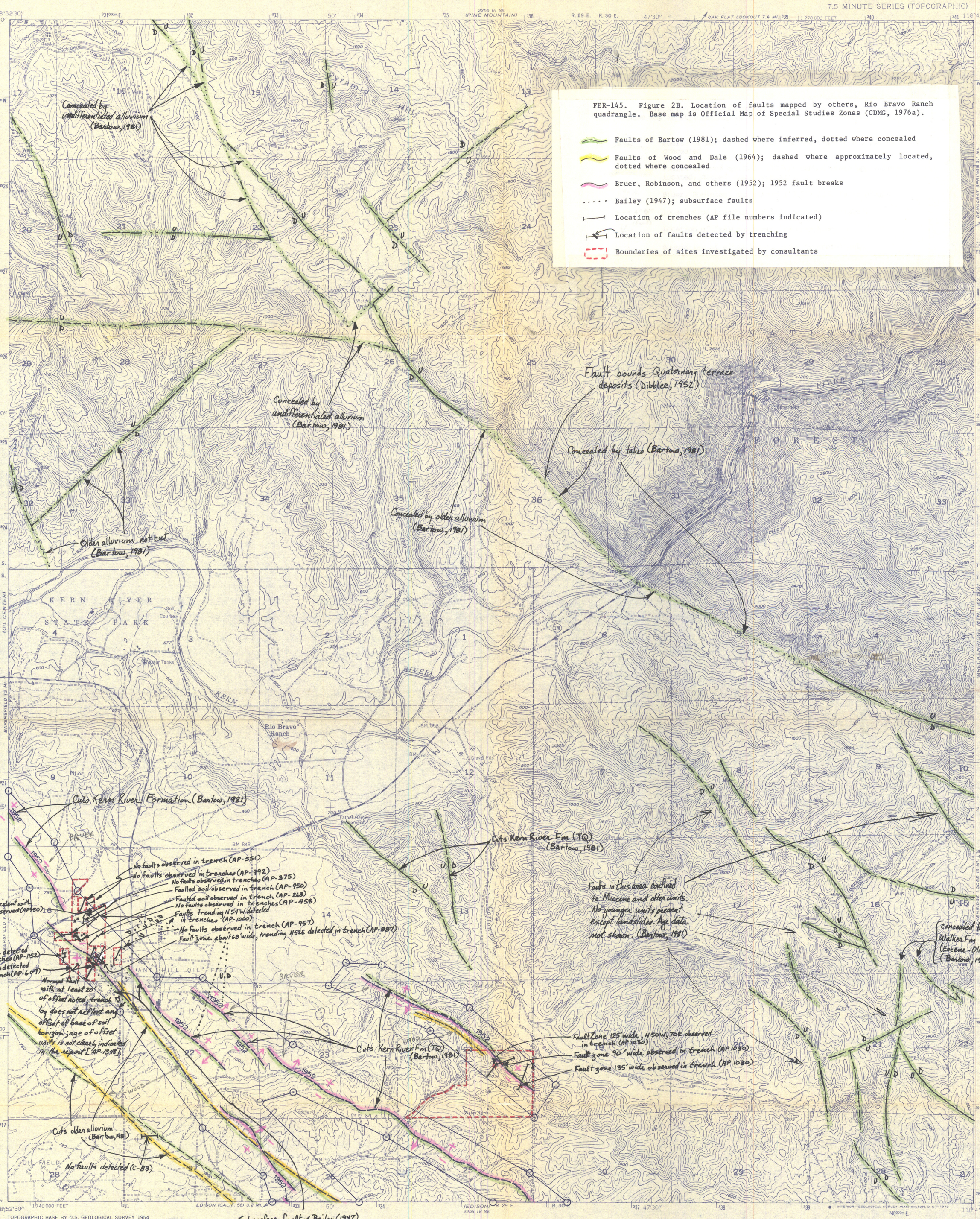
CALIFORNIA DIVISION OF MINES AND GEOLOGY
THOMAS E. GAY, JR., ACTING STATE GEOLOGIST

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF CONSERVATION

RIO BRAVO RANCH QUADRANGLE
CALIFORNIA—KERN CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)




FER-145. Figure 2B. Location of faults mapped by others, Rio Bravo Ranch quadrangle. Base map is Official Map of Special Studies Zones (CDMG, 1976a).

- Faults of Bartow (1981); dashed where inferred, dotted where concealed
- Faults of Wood and Dale (1964); dashed where approximately located, dotted where concealed
- Bruer, Robinson, and others (1952); 1952 fault breaks
- Bailey (1947); subsurface faults
- Location of trenches (AP file numbers indicated)
- Location of faults detected by trenching
- Boundaries of sites investigated by consultants

TOPOGRAPHIC BASE BY U.S. GEOLOGICAL SURVEY 1954
PHOTOREVISED 1968

SCALE 1:24 000

CONTOUR INTERVAL 40 FEET
DASHED LINES REPRESENT HALF INTERVAL CONTOURS
DATUM IS MEAN SEA LEVEL

## REFERENCES USED TO COMPILE FAULT DATA

Rio Bravo Ranch Quadrangle


Bruer, W.G., Robinson, B., and others, Earthquake fissures in central and southwestern Kern County: unpublished map; 1952.
Wood, P.R., and Dale, R.H., 1964, Geology and groundwater features of the Edison-Maricopa area, Kern County, California: U.S. Geological Survey Water-Supply Paper 1656, 108 p., pl. 3.


## MAP EXPLANATION

**Potentially Active Faults**

1906 C — Faults considered to have been active during Quaternary time; solid line where accurately located, long dash where approximately located, short dash where inferred, dotted where concealed; query (?) indicates additional uncertainty. Evidence of historic offset indicated by year of earthquake-associated event or C for displacement caused by creep or possible creep.

Aerial photo lineaments (not field checked); based on youthful geomorphic and other features believed to be the results of Quaternary faulting.

**Special Studies Zone Boundaries**

These are delineated as straight-line segments that connect encircled turning points so as to define special studies zone segments.

Seaward projection of zone boundary.

# STATE OF CALIFORNIA
# SPECIAL STUDIES ZONES

**Delineated in compliance with Chapter 7.5, Division 2 of the California Public Resources Code**

RIO BRAVO RANCH QUADRANGLE

**OFFICIAL MAP**

Effective: January 1, 1976

T. E. Gay Jr. Acting State Geologist

## IMPORTANT - PLEASE NOTE

1) *This map may not show all potentially active faults, either within the special studies zones or outside their boundaries.*
2) Faults shown are the basis for establishing the boundaries of the special studies zones.
3) The identification of these potentially active faults and the location of such fault traces are based on the best available data. Traces have been drawn as accurately as possible at this map scale, however, the quality of data used is highly varied. The faults shown have not been field checked during this map compilation.
4) Fault information on this map is not sufficient to serve as a substitute for information developed by the special studies that may be required under Chapter 7.5, Division 2, Section 2623 of the California Public Resources Code.

145-5

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