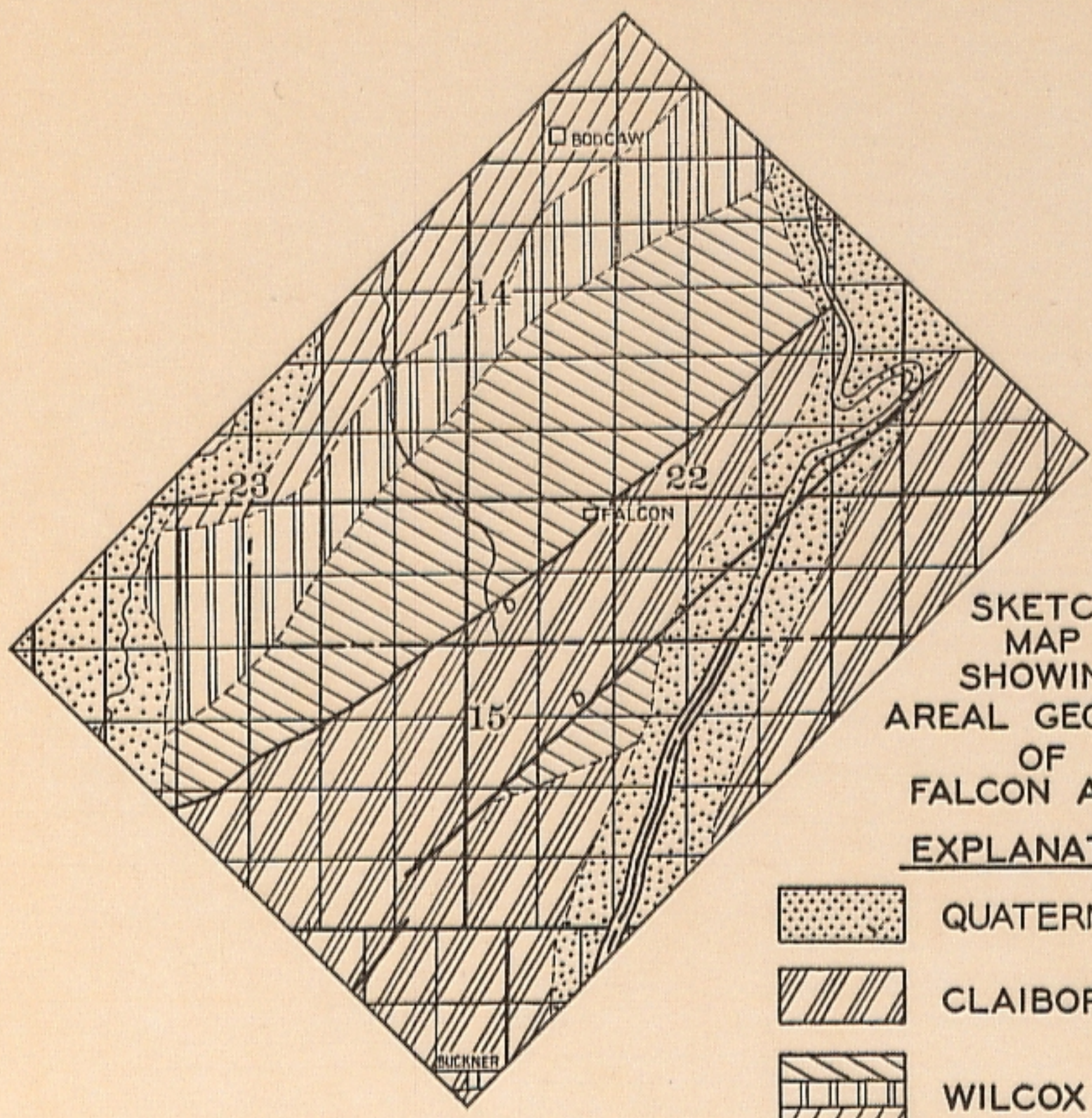


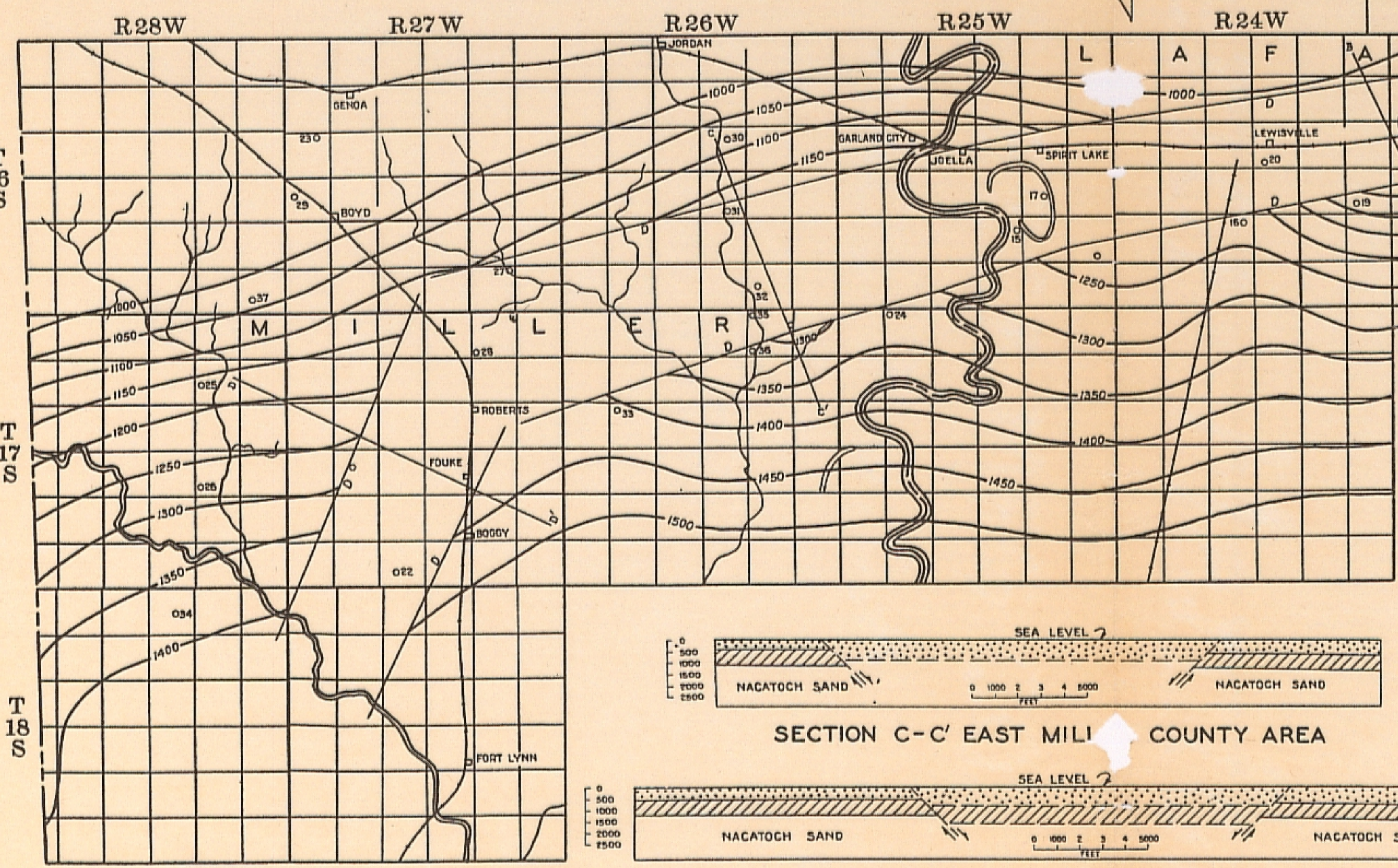
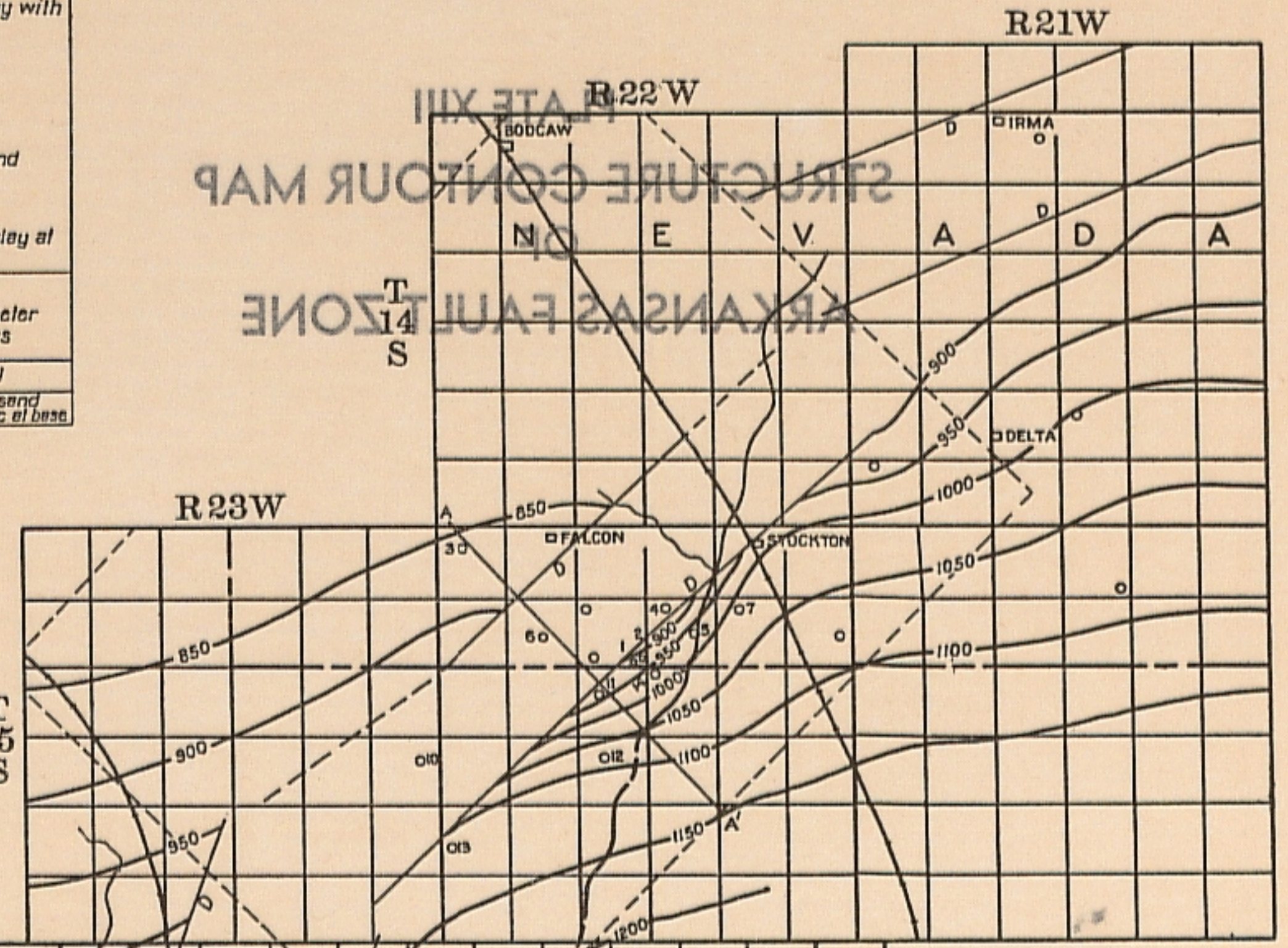
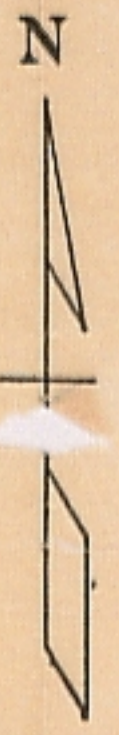
SECTION EXPOSED IN FALCON AREA

QUATERNARY	Sandy Clay, Sand and Gravel
CLAIBORNE GROUP	500-600 Sandy clays and argillaceous sand in upper part.- Contains thin lenses of ferruginous sandy clay with some glauconite at top of the section. Gray argillaceous sand with zones of gray and brown sandy clay Thin lenses of somewhat glauconitic sandy clay at the base.
WILCOX FORMATION	125 Gray sand with sand concretions 1/2" to 1" diameter Small amount of gray clay. Some ferruginous sand at base. 50 Brown and black lignitic and slightly sandy clay numerous limonite concretions 50 Gray and brown lignitic, very sandy clay. Some sand and red ferruginous sandstone, locally quartzitic at base.



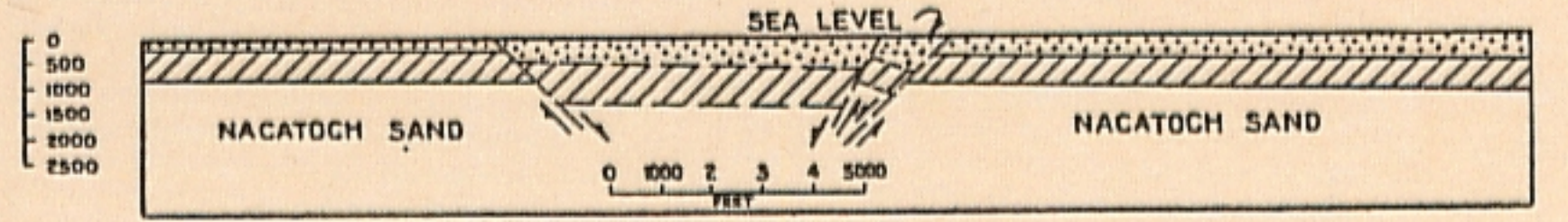
SKETCH MAP SHOWING AREAL GEOLOGY OF FALCON AREA

- EXPLANATION**
- QUATERNARY
 - CLAIBORNE GROUP
 - WILCOX FORMATION

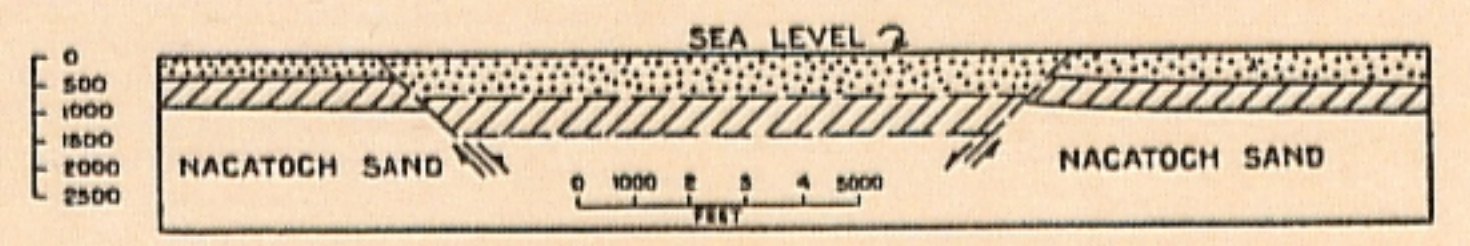


LEGEND USED IN CROSS SECTIONS

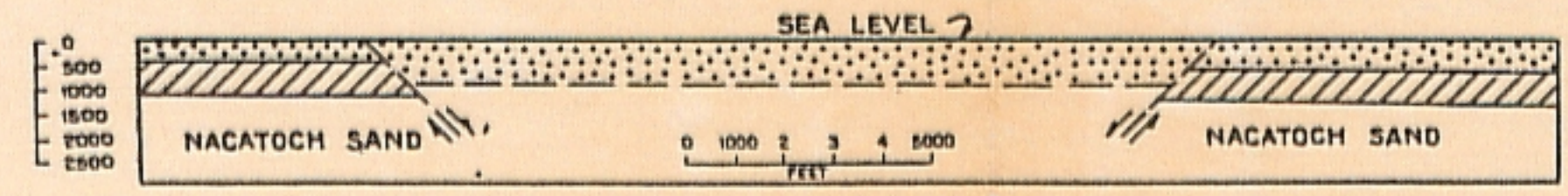
- WILCOX AND CLAIBORNE
- MIDWAY AND ARKADELPHIA



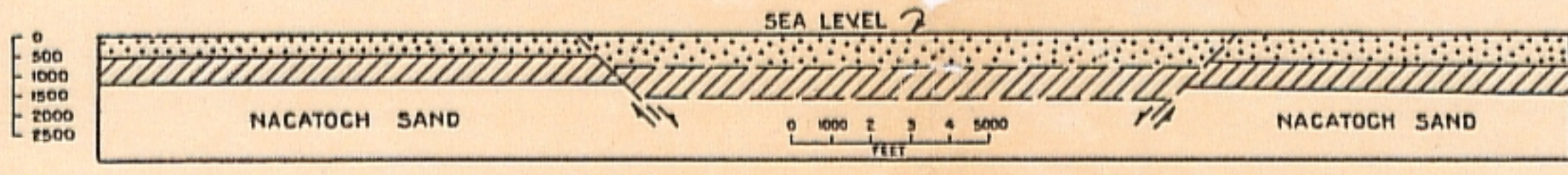
SECTION A-A' FALCON AREA



SECTION B-B' LEWISVILLE AREA



SECTION C-C' EAST MILLER COUNTY AREA



SECTION D-D' FOUKE AREA

STRUCTURE CONTOUR MAP OF ARKANSAS FAULT ZONE IN NEVADA LAFAYETTE AND MILLER COUNTIES

CONTOURS ARE DRAWN ON TOP OF NACATOCH SAND. CONTOUR INTERVAL 50 FEET. FIGURES GIVE DEPTHS BELOW SEA LEVEL.
 O 15 GEOLOGIC TEST WELLS DRILLED BY HUMBLE OIL & REFINING CO.
 NUMBERS REFER TO INDEX NUMBERS IN TABLE MAPPED BY CL. RANKIN.
 COURTESY AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS PUBLISHED A.A.P.G. BULLETIN, JULY 1930.

