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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

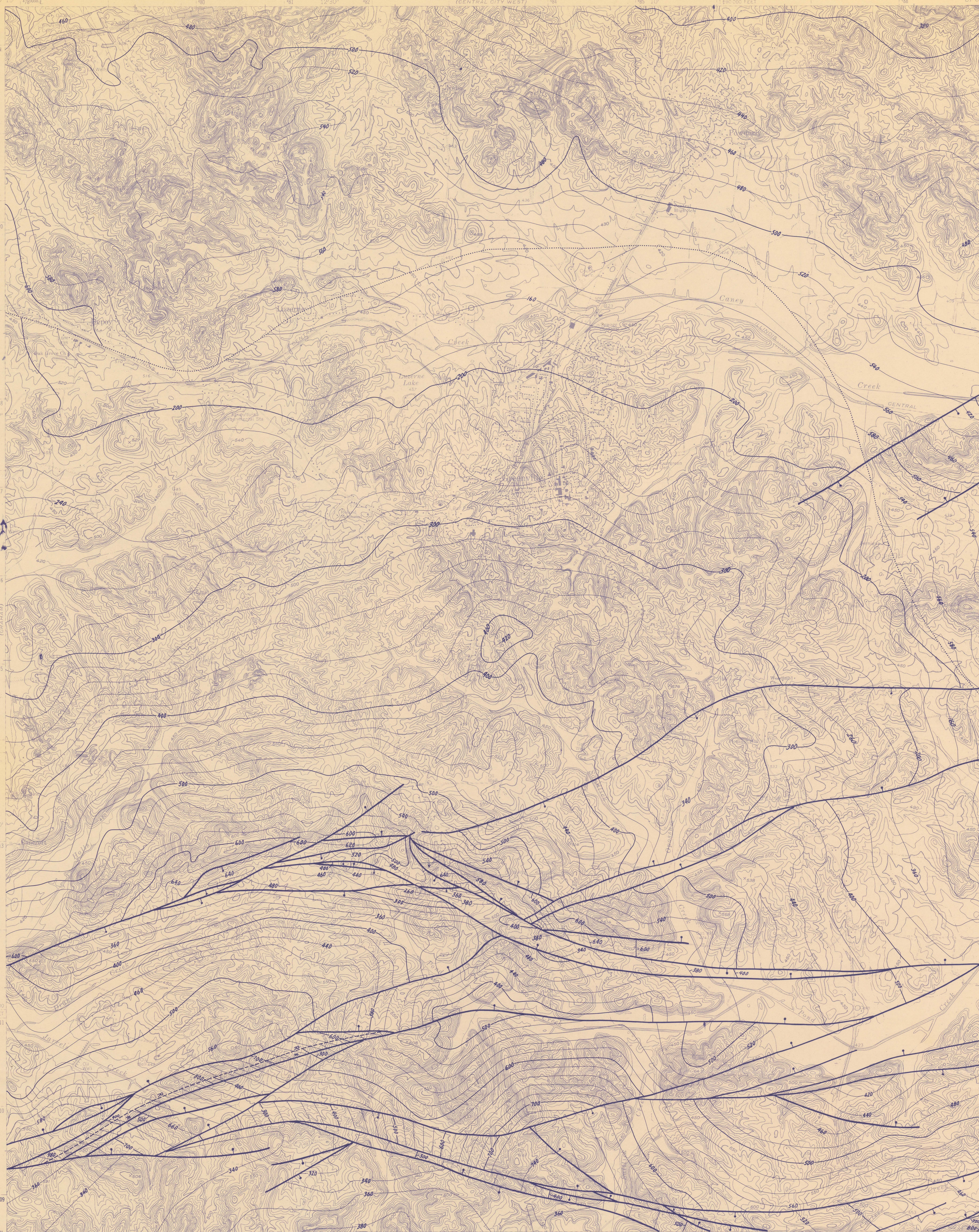
OPEN-FILE REPORT
U. S. GEOLOGICAL SURVEY

STATE OF KENTUCKY
KENTUCKY GEOLOGICAL SURVEY
UNIVERSITY OF KENTUCKY

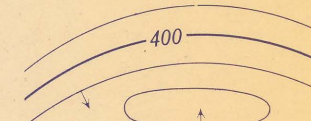
PREPARED IN COOPERATION WITH
THE COMMONWEALTH OF KENTUCKY
UNIVERSITY OF KENTUCKY
KENTUCKY GEOLOGICAL SURVEY
WALLACE W. HIGDON, DIRECTOR AND STATE GEOLOGIST

GREENVILLE QUADRANGLE
KENTUCKY-MUHLENBERG CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 DRAKESBORO 15 QUADRANGLE

37°15' 37°30' 37°45' 37°00' 37°15'



EXPLANATION



Structure contours
Drawn on base of No. 9 coal bed, No. 4 coal bed, or base of Kinkaid Limestone (See diagram below), projected where contoured horizon missing. Arrows indicate dip direction. Contour interval 20 or 100 feet.

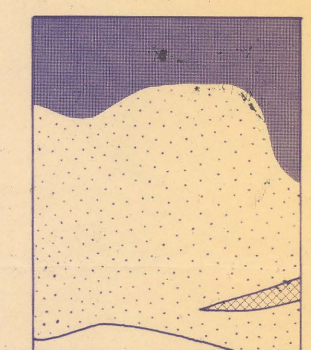
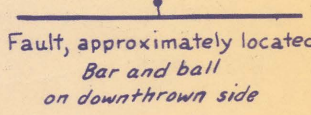
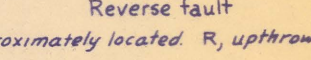


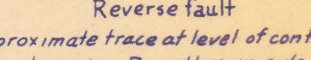
Diagram showing structure horizon areas
Densely shaded area contoured on base of No. 9 coal bed. Lightly shaded areas contoured on base of No. 4 coal bed. Unshaded area contoured on base of Kinkaid Limestone. Cross hatched area where data insufficient to contour.



Fault, approximately located
Bar and ball
on downthrown side

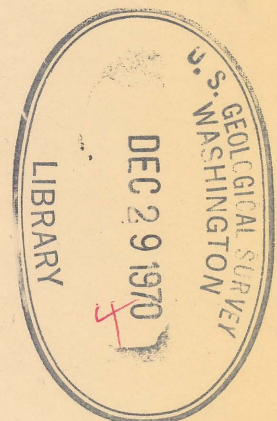


Reverse fault
Approximately located R, upthrown side



Reverse fault
Approximate trace of level of contoured horizon. R, upthrown side

SPECIAL PRINTING
Contours and road symbols omitted



Base by U. S. Geological Survey, 1963

Polycyclic projection, 1927 North American datum
10,000-foot grid based on Kentucky coordinate system, south zone
1000-meter Universal Transverse Mercator grid ticks,
zone 16, shown in blue

Fine red dashed lines indicate selected fence and field lines where
generally visible on aerial photographs. This information is uncorrected

UTM GRID AND 1963 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

SCALE 1:24,000
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 0 1 2 3 4 5 6 7 8 9 10 KILOMETER
CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON 25, D. C.
KENTUCKY GEOLOGICAL SURVEY, LEVINGTON, KENTUCKY
AND KENTUCKY DEPARTMENT OF COMMERCE, FRANKFORT, KENTUCKY
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



ROAD CLASSIFICATION
Heavy-duty Light-duty
Medium-duty Unimproved dirt
U.S. Route State Route

GREENVILLE, KY.
NW/4 DRAKESBORO 15 QUADRANGLE
7.5 MINUTE SERIES (TOPOGRAPHIC)
1963
AMS 5656 II NW-SERIES V853

PRELIMINARY STRUCTURE MAP OF THE GREENVILLE QUADRANGLE, MUHLENBERG COUNTY, KENTUCKY By Thomas M. Kehn 1970

Kentucky (Greenville quad.) structure. 1:24,000. 1970.
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