




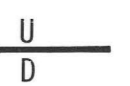

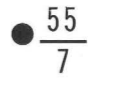








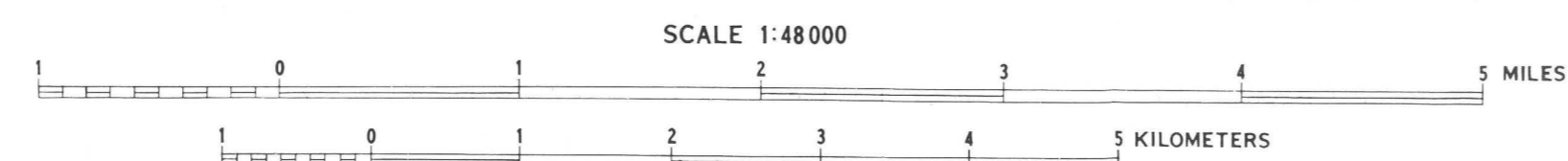
EXPLANATION

-  Surficial deposits of slumped material probable Late Mississippian age. Dashed where occurring in residual soil from weathered limestone.
-  Ste. Genevieve Limestone
St. Louis Limestone
Salem Limestone
Harrodsburg Limestone
-  Borden Formation
-  New Albany Shale
-  Geologic contact
-  Fault; dashed where inferred. U, upthrown side; D, downthrown side.
-  Strikes of vertical joint sets.
-  Upper figure is altitude of top of New Albany Shale in feet. Lower figure is altitude of base of New Albany Shale in feet. Datum is mean sea level.
-  Figure indicates the amount of casing in well in feet and represents either depth to limestone surface or the last crevice yielding sand into well. Material overlying the bedrock is unknown.
-  Figure indicates the amount of surficial sand overlying bedrock in feet, as reported by well drillers.
-  Structure contour on base of New Albany Shale, showing altitude above mean sea level. Interval is 20 feet. Modified from Roy C. Kerpferle (1966) and Frank B. Moore (1965-66, 1968).
-  Auger hole, depth in feet to point of refusal. A plus sign after figure indicates the point of refusal was not reached.

Mississippian
Upper
Mississippian
Devonian

37°32'30" 86°00'00" 85°40'00" 37°32'30"

BASE SOURCE:
U.S. Geological Survey Topographic 7.5'
quadrangles, Scale 1:24,000, Cecilia,
Elizabethtown, Nelsonville, Sonora,
Tomieville, Hodgenville.



Structure contours partially modified
from Roy C. Kerpferle (1963, 1966)
Frank B. Moore (1965-66, 1968), and
Warren L. Peterson (1966).

Structure contours on base of New Albany shale, control points, area of surficial deposit of slumped material, and miscellaneous geologic data, Elizabethtown area, Kentucky.