

LEGEND

SEDIMENTARY ROCKS

Pc

Carbonale formation
 (sandy shales and Waupesac sandstone in the upper part; black shales, fire clay with local coal beds, calcareous shales, and Morris [No. 2] coal at base, comprising lower part)

Ppv

Pottsville formation
 (sandstone, sandy shales, fire clay, and local coal beds)

UNCONFORMITY
 Oml
 Oms

Maquoketa formation
 (limestone member above, massive to thin bedded, medium to coarse texture, highly fossiliferous, weathering pink; shale member below, gray to dark, calcareous, with interbedded lenticular dense limestone at the top)

Ogp

Galena-Platteville formation
 (dolomite, gray, weathering buff, pyritic, and locally fossiliferous; no exposures of Platteville recognized)

ECONOMIC AND STRUCTURE DATA

475

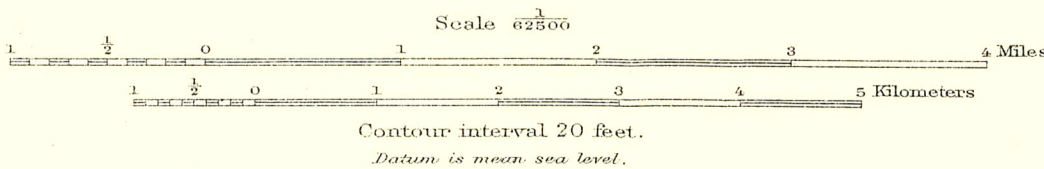
Structure contours on top of Morris (No. 2) coal. Contour interval, 25 feet.

50

Structure contours on top of St. Peter sandstone. Contour interval, 50 feet.

- ✕ Coal mine, shipping
- ✕ Coal mine, local
- ✕ Coal mine, stripping
- ⊙ Coal mine, abandoned
- ▲ Clay pit, Quaternary
- ▲ Clay pit, Pennsylvanian
- ✕ Gravel and sand pit
- ⊙ Stone quarry

Topographic base map surveyed in cooperation with U. S. Geological Survey



APPROXIMATE MEAN SEASIDE ELEVATION
 H. H. H. MILLER & CO. BALTIMORE, MD.

Geology by H. E. Culver
 Surveyed in 1919