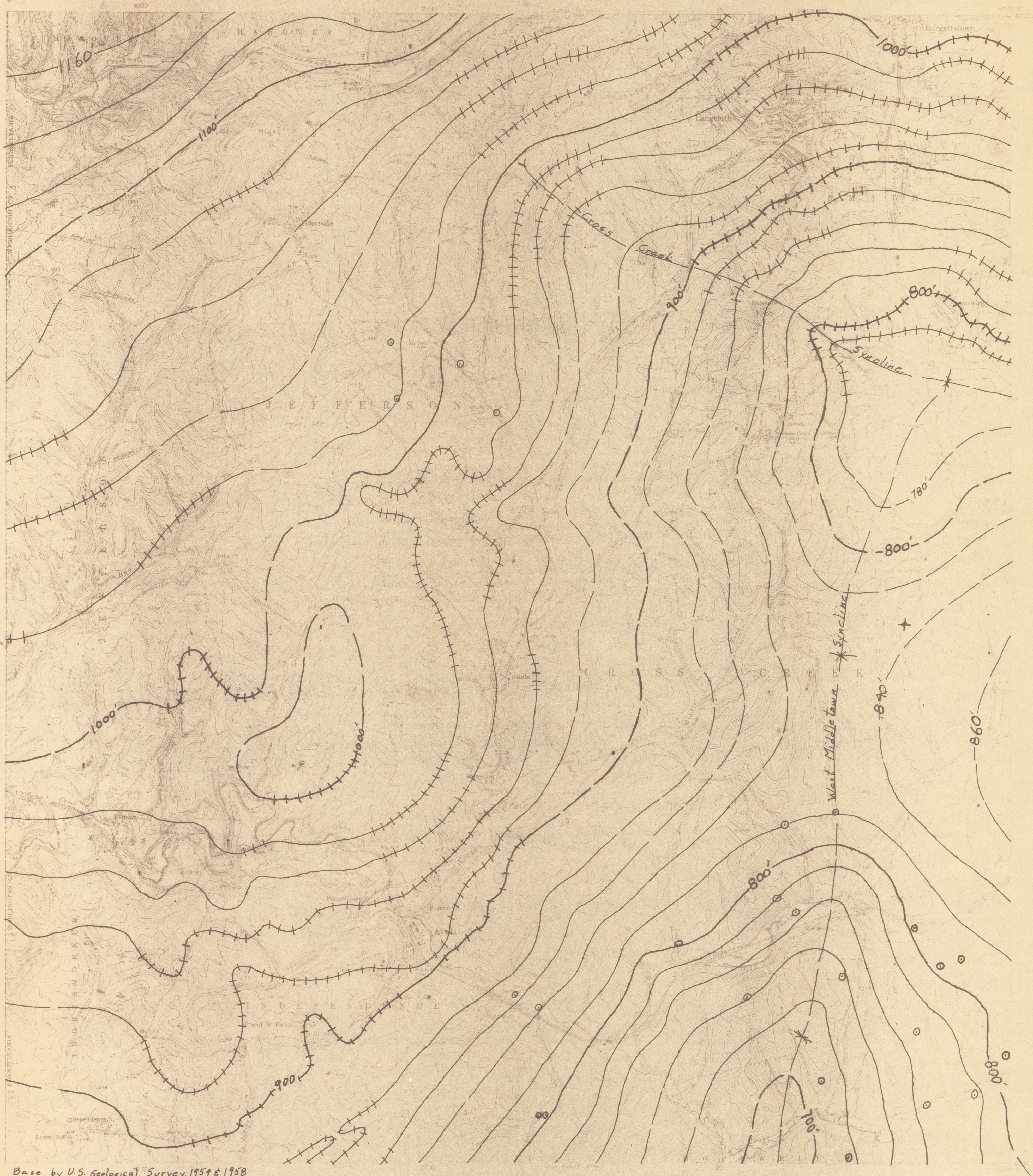


Prepared in cooperation with
The Commonwealth of Pennsylvania
Department of Environmental Resources



Base by U.S. Geological Survey, 1954 & 1958

EXPLANATION

Syncline
Showing position of trough line. Dashed where approximately located

Structure contours
Drawn on base of Pittsburgh coal bed. Dashed where projected from other beds. Crosses indicate areas from which the coal has been removed by mining. Contour interval 20 feet; datum is mean sea level

Cored drill hole
Penetrates to base of Monongahela Group

Dry and/or abandoned well
Penetrates through contoured horizon

TITLE

Structure Contour Map of the Avella
and part of the Steubenville East Quadrangles
Washington County, Pennsylvania
by
Stanley P. Schweinfurth
197

Geology mapped in 1965-1966.

Data for structure contours obtained in part from the Pocahontas Land Corp., Geo. S. Batton & Co., Pittsburgh Coal Co., Penow Coal Co., and in part from coal-mine maps on file with the Pennsylvania Mine Subsidence Group.

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Pennsylvania (Avella and Steubenville East quads.) Structure. 1:24,000 1972.
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