



Figure 1.—Location of seismic sections, wells, and anticlinal axes. General locations of synclines also are shown. ASF, Allegheny structural front; IPSF, intra-plateau structural front (of Gwinn, 1964); AA, Amity anticline; AFA, Arches Fork anticline; BWA, Blackwater anticline; BA, Brownsville anticline; BVA, Belle Vernon anticline; CRA, Chestnut Ridge anticline; CRAE, Chestnut Ridge anticline extension; CS, Casselman syncline; DPA, Deer Park anticline; EA, Etam anticline; FA, Fayette anticline; GCS, George's Creek syncline; HA, Hundred anticline; LHA, Laurel Hill anticline; LS, Ligonier syncline; NMA, Negro Mountain anticline; WA, Washington anticline; WMA, Wills Mountain anticline; WSA, Wolf Summit anticline; YS, Youghioghny syncline.

EXPLANATION

- Low plateau of Gwinn (1964)—Refers to "western" Allegheny Plateau province of this report
- High plateau of Gwinn (1964)—Refers to "eastern" Allegheny Plateau province of this report
- Valley and Ridge province
- Seismic line
- A—A' Axial trace of anticline—Dashed where inferred
- CRA Structural front
- IPSF Well location
- Well location