



**EXPLANATION**

**CONTROL POINTS**

Outcrop section  
Number is thickness, in feet; number with plus sign indicates incomplete section; number with minimum thickness; number with plus and minus sign is approximate thickness. Query means age of mapped unit uncertain. Plus sign alone means unit present but thickness unknown

Well section  
Thickness shown as for outcrop

Composite section constructed from wells, outcrops, or both, less than five miles apart  
Thickness shown as for outcrop

Generalized section constructed from scattered data in the surrounding area  
Thickness shown as for outcrop

Sinkhole section  
Thickness shown as for outcrop

Cave section  
Thickness shown as for outcrop

Composite section constructed from two or more sinkhole or cave sections  
Thickness shown as for outcrop

Isopachs  
Dashed in areas of poor control; queried where doubtful; dotted where projected into areas where mapped unit has not been penetrated or identified. Thickness in feet

**FAULTS**

Post-Pennsylvanian faults  
Shown only in Great Basin and West Coast regions. Dashed in areas of poor control; queried where doubtful

Pennsylvanian faults  
Faults associated with displacement or termination of isopachs; also closely related faults. Dashed in areas of poor control; queried where doubtful

Thrust faults  
Sawtooth on upper plate

Lateral faults  
Arrows show relative movement

Normal faults  
U, upthrown side; D, downthrown side

Reverse fault  
R, upthrown side

Area in vicinity of Pennsylvanian rocks where older rocks are exposed

Area in vicinity of Pennsylvanian rocks in which the Pennsylvanian, if ever present, has been masked or destroyed by igneous intrusion, metamorphism, or complex structural deformation

Area in vicinity of Pennsylvanian rocks in which Pennsylvanian rocks have not been penetrated by drill

Ouachita tectonic belt  
Northern edge of shaded band indicates edge of tectonic belt; southern limits undetermined

Line of section  
Sections shown on plate 10 A-F

**NOTE**  
This is a standardized explanation for all Pennsylvanian isopach maps; some symbols may not appear on this map

MAP SHOWING THICKNESS OF INTERVAL D OF PENNSYLVANIAN SYSTEM

