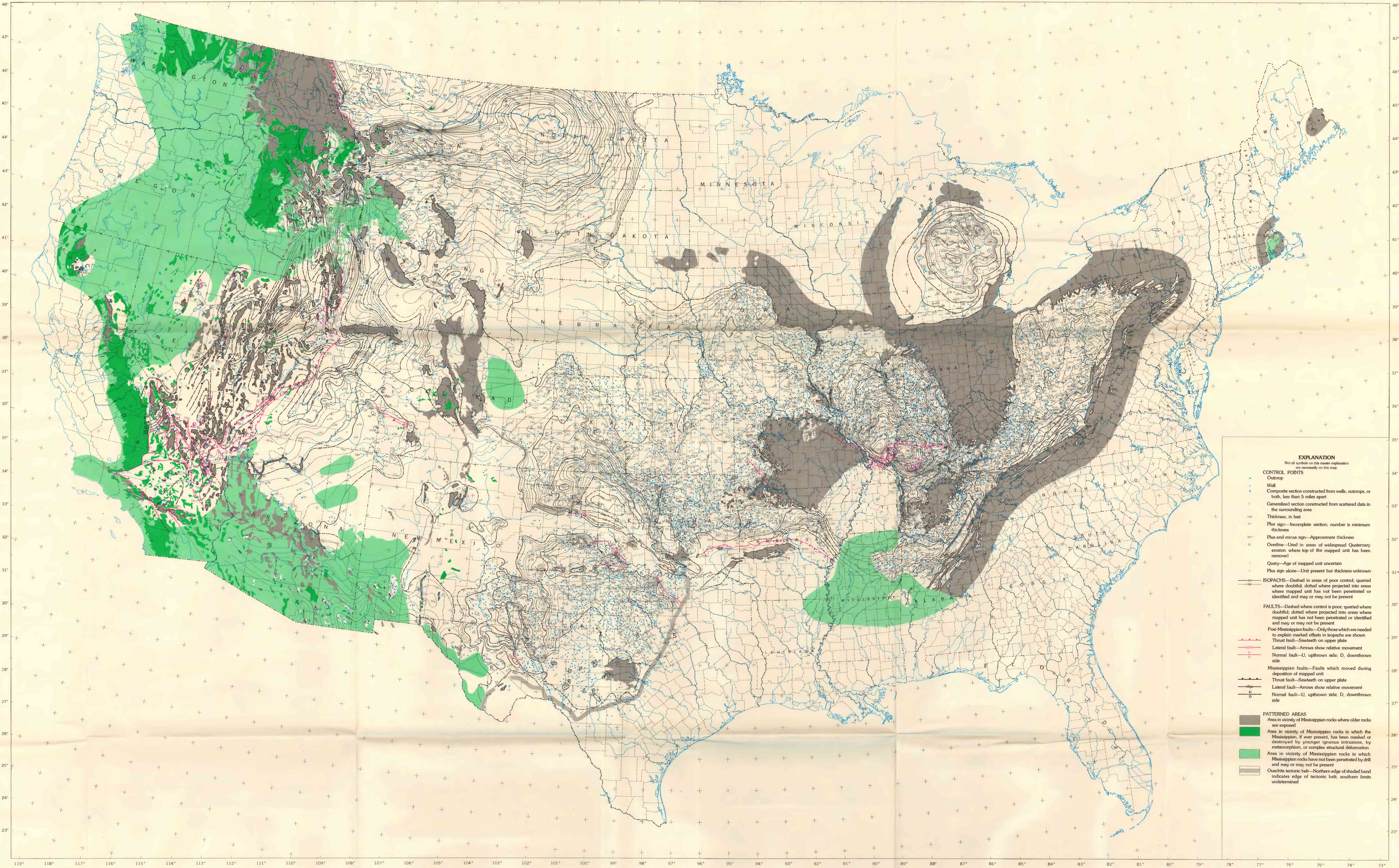




EXPLANATION
Not all symbols on this master explanation are necessarily on this map.

CONTROL POINTS
Outcrop
Well
Composite section constructed from wells, outcrops, or both, less than 5 miles apart
Generalized section constructed from scattered data in the surrounding area
Thickness, in feet
Plus sign—Incomplete section; number is minimum thickness
Plus-and-minus sign—Approximate thickness
Overline—Used in areas of widespread Quaternary erosion where top of the mapped unit has been removed
Query—Age of mapped unit uncertain
Plus sign alone—Unit present but thickness unknown

ISOPACHS—Dashed in areas of poor control; queried where doubtful; dotted where projected into areas where mapped unit has not been penetrated or identified and may or may not be present

FAULTS—Dashed where control is poor; queried where doubtful; dotted where projected into areas where mapped unit has not been penetrated or identified and may or may not be present
Post-Mississippian faults—Only those which are needed to explain marked offsets in isopachs are shown
Thrust fault—Sawtooth on upper plate
Lateral fault—Arrows show relative movement
Normal fault—U, upthrown side; D, downthrown side
Mississippian faults—Faults which moved during deposition of mapped unit
Thrust fault—Sawtooth on upper plate
Lateral fault—Arrows show relative movement
Normal fault—U, upthrown side; D, downthrown side

PATTERNED AREAS
Area in vicinity of Mississippian rocks where older rocks are exposed
Area in vicinity of Mississippian rocks in which the Mississippian, if ever present, has been masked or destroyed by younger igneous intrusions, by metamorphism, or complex structural deformation
Area in vicinity of Mississippian rocks in which Mississippian rocks have not been penetrated by drill and may or may not be present
Ouachita tectonic belt—Northern edge of shaded band indicates edge of tectonic belt; southern limits undetermined

MAP SHOWING TOTAL THICKNESS OF MISSISSIPPIAN SYSTEM

