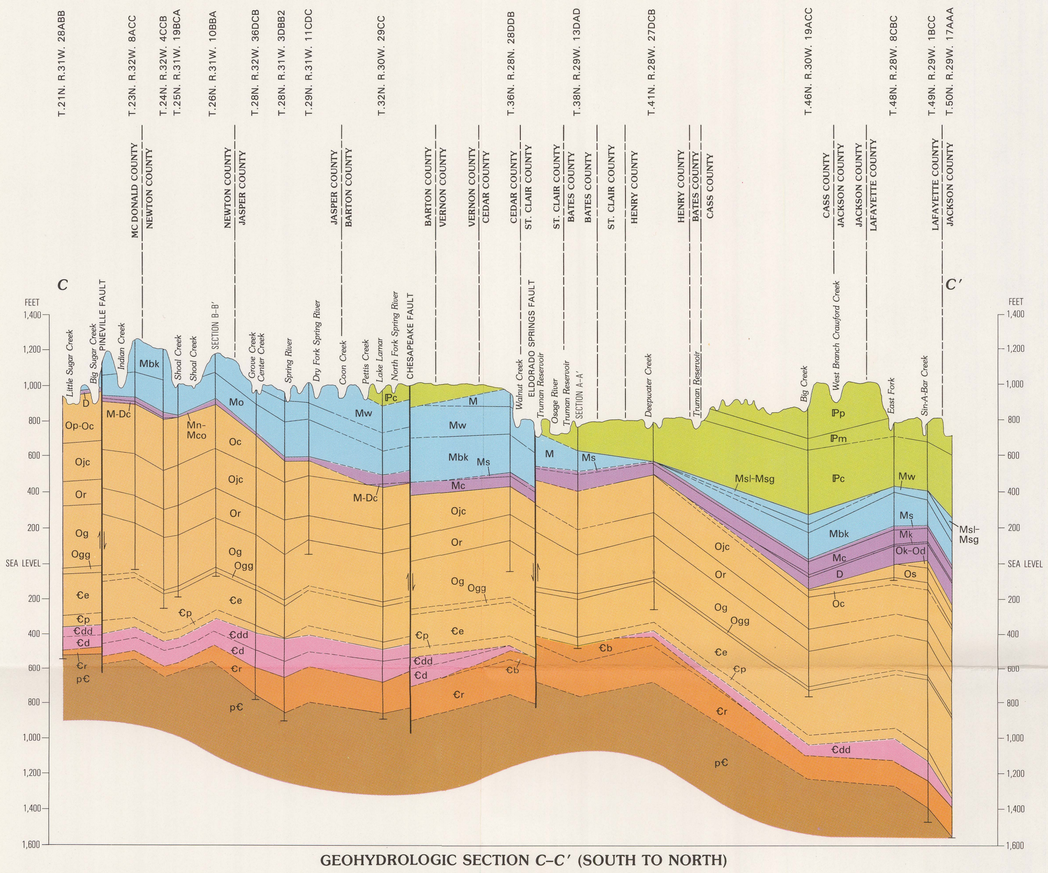
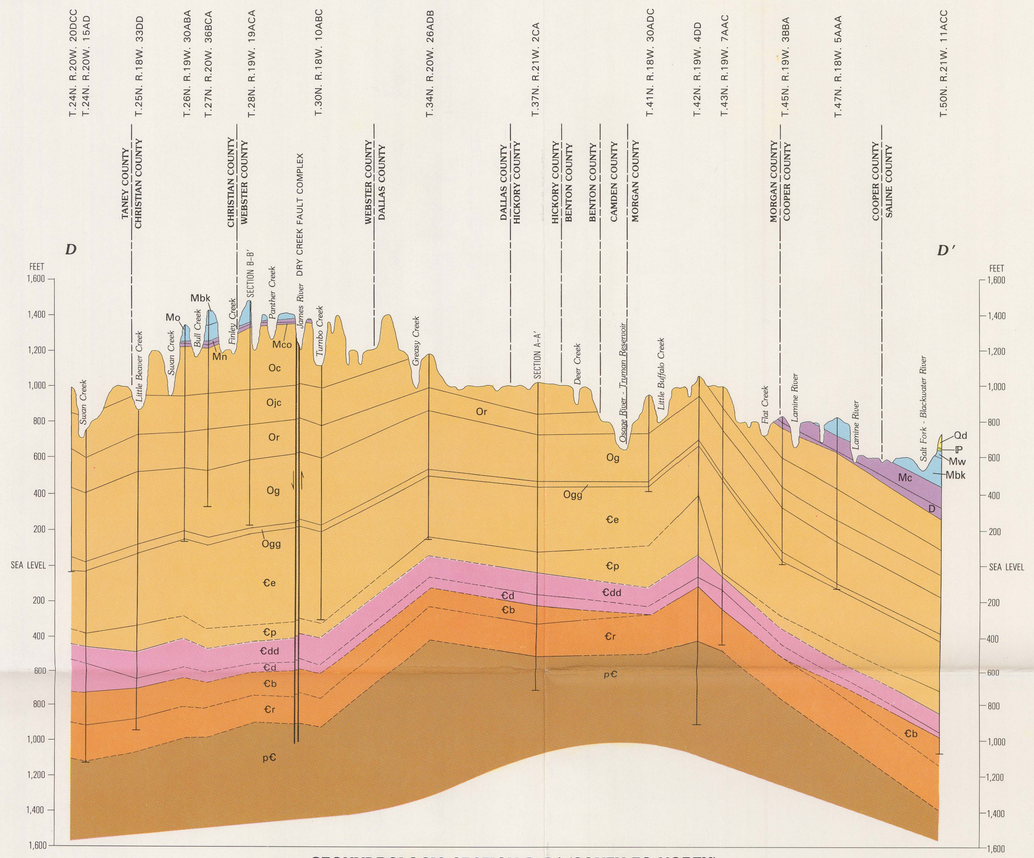
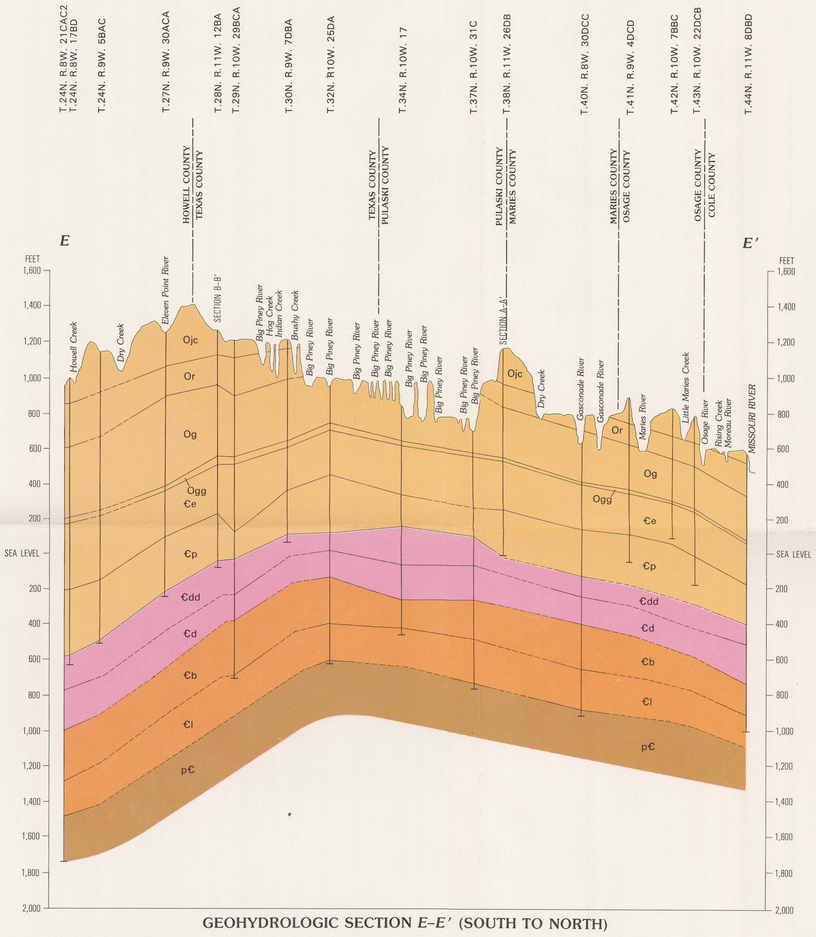


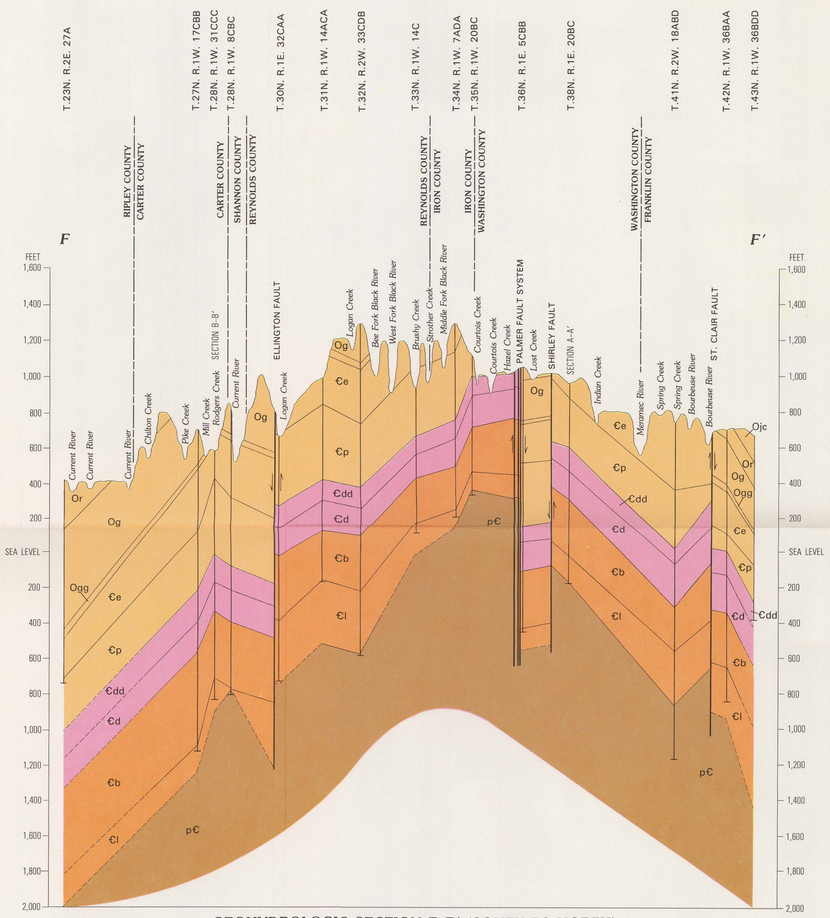
GEOHYDROLOGIC SECTION *C–C′* (SOUTH TO NORTH)



GEOHYDROLOGIC SECTION *D–D′* (SOUTH TO NORTH)



GEOHYDROLOGIC SECTION *E–E′* (SOUTH TO NORTH)



GEOHYDROLOGIC SECTION *F–F′* (SOUTH TO NORTH)

EXPLANATION

GEO-HYDROLOGIC UNITS		GEOLOGIC FORMATIONS
		QUATERNARY SYSTEM
	Qd	Glacial Drift
	Qa	Alluvium
	Cz	CENOZOIC ERATHEM
	Mz	MESOZOIC ERATHEM
	K	CRETACEOUS SYSTEM
WESTERN INTERIOR PLAINS CONFINING SYSTEM	P	PENNSYLVANIAN SYSTEM
	Pp	Pleasanton Formation
	Pm	Marmaton Group
	Pc	Cherokee Shale
SPRINGFIELD PLATEAU AQUIFER	M	MISSISSIPPIAN SYSTEM
	Msg	Ste. Genevieve Limestone
	Msl	St. Louis Limestone
	Mw	Warsaw Limestone
	Mbk	Keokuk and Burlington Limestones
	Mo	Osagean Series (undifferentiated)
OZARK CONFINING UNIT	Mn	Northview Shale
	Ms	Sedalia Limestone
	Mco	Compton Limestone
	Mc	Chouteau Limestone
	Mk	"Kinderhook shale" of Thompson (1986, p. 23-24)[1]
		MISSISSIPPIAN AND DEVONIAN SYSTEMS
	M-Dc	Chattanooga Shale
	D	DEVONIAN SYSTEM
		ORDOVICIAN SYSTEM
OZARK AQUIFER	Ok	Kimmswick Limestone
	Od	Decorah Formation
	Os	St. Peter Sandstone
	Oe	Everton Formation
	Osm	Smithville Formation
	Op	Powell Dolomite
	Oc	Cotter Dolomite
	Ojc	Jefferson City Dolomite
	Or	Roubidoux Formation
	Og	Gasconade Dolomite
	Ogg	Gunter Sandstone Member
		CAMBRIAN SYSTEM
	Ce	Eminence Dolomite
	Cp	Potosi Dolomite
ST. FRANCOIS CONFINING UNIT	Cdd	Doe Run and Derby Dolomites
	Cd	Davis Formation
ST. FRANCOIS AQUIFER	Cb	Bonneterre Formation
	Cr	Reagan Sandstone [1]
	Cl	Lamotte Sandstone
BASEMENT CONFINING UNIT	p€	PRECAMBRIAN

Note: Small Quaternary deposits along rivers and streams are not shown on geologic sections.

[1] Unit follows usage of Missouri Division of Geology and Land Survey

Contact—Dashed where approximately located

Fault—Arrows indicate relative direction of movement

Well or test hole—See well-numbering diagram for description of number

0 10 20 30 40 50 60 70 80 90 100 MILES
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 KILOMETERS
Vertical scale greatly exaggerated

INTERIOR—GEOLOGICAL SURVEY, RESTON, VA—1991

CORRELATION OF REGIONAL GEOHYDROLOGIC UNITS TO GEOLOGIC FORMATIONS IN SOUTHERN MISSOURI

By
B.J. Smith and J.L. Imes

1991