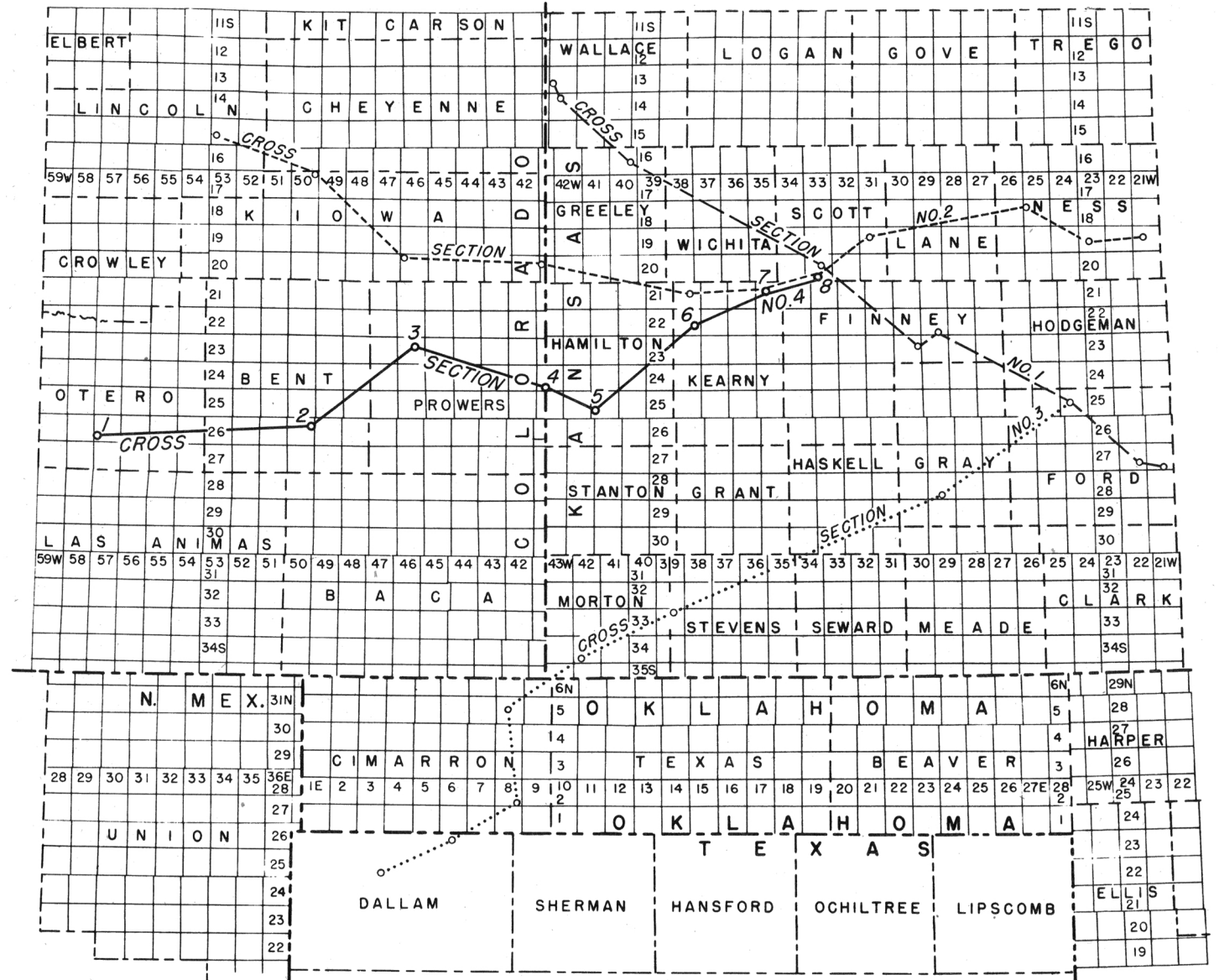


NOMENCLATURE USED IN KANSAS

SYSTEM	SERIES	GROUP	FORMATION
GUADALUPIAN	GUADALUPIAN		Taloga formation
			Day Creek dolomite
			Whitehorse sandstone
PERMIAN	PERMIAN AND LEONARDIAN		Blaine formation
			Stone Corral dolomite
PENNSYLVANIAN	PENNSYLVANIAN	ATOKAN	Fountain formation
CAMBRIAN AND ORDOVICIAN	CAMBRIAN AND ORDOVICIAN	MORROWAN	Green Eyre shale
PRE-CAMBRIAN ROCKS			

EXPLANATION

Limestone	Sandstone	Variagated shale	Red lity shale	Siltstone
Dolomite	Lity sandstone	Red or maroon shale	Gray lity shale	Chert
Dolomitic limestone	Dolomitic sandstone	Green shale	Red dolomitic shale	Quartz
Dolomite	Red shaly sandstone	Gray shale	Granite	Dolitic chert
Sandy dolomite	Conglomerate	Black shale	Basaltic igneous rock	Unconformity
Althidrite or gypsum	Soil	Red sandy shale	Schist	NS No samples



SUBSURFACE GEOLOGIC CROSS SECTION FROM SCOTT COUNTY, KANSAS, TO OTERO COUNTY, COLORADO
BY JOHN C. MAHER