

GENERAL GEOLOGIC SECTIONS OF OKLAHOMA AND NORTHERN ARKANSAS

SYSTEM	SERIES	GROUP	BRADLEY GOLDEN TRENT	SOUTHERN OKLAHOMA SURFACE	VELMA DOYLE AREA	CEMENT CHICKASHA	HOLLIS BASIN (PALODURO)	OKLAHOMA CITY	NEMAHA RIDGE	N.W. OKLAHOMA	MCALESTER BASIN SEMINOLE DISTRICT	OUACHITA REGION	M. E. OKLAHOMA	NORTHERN ARKANSAS	
CRETACEOUS	COMANCHEAN	WASHITA	Eagle Ford Woodbine									Eagle Ford Woodbine			
			FREDERICKSBURG	Grayson Marl									Grayson Marl		
				Bannington Marl										Bannington Marl	
PERMIAN	WOLFCAMPIAN	SUMNER	Chickasha												
			CHASE	Wichita-Clearfork											
				COUNCIL GROVE	Stratford										
LYLVANIAN	MISSOURIAN	Collings Ranch													
		DES MOINESIAN	U. Glover												
			U. Pooler												
PENNSYLVANIAN	ATOKAN	UPPER DORNICK HILLS	Upper Dornick Hills												
			WICHITA OROGENY - WICHITA MTS.	Lower Dornick Hills											
				Lower Dornick Hills											
MISSISSIPPIAN	CHESTERIAN	CANEG SH	Caneg Sh												
			OSAGEAN	Osage											
				Osage											
ORDOVICIAN	CHAMPLAINIAN	SIMPSON	Simpson												
			ARBUCKLE GROUP	Arbuckle											
				Arbuckle											
PRE-CAMBRIAN	ARBUCKLE GROUP	ARBUCKLE	Arbuckle												
			Arbuckle												
			Arbuckle												

NOTE: PONTOTOC RESTRICTED TO PERMIAN SYSTEM ONLY. DOES NOT INCLUDE CISCO RED BEDS (PENNSYLVANIAN) BECAUSE OF MAJOR OROGENY SEPARATING TWO SYSTEMS. Compiled and Correlated by DAN CIPRIANI Jan. 1, 1963 Phillips Petroleum Company