TABLE 1.—SIMPLIFIED LITHOSTRATIGRAPHIC CHART OF SOUTHERN OKLAHOMA AULACOGEN

STRATIGRAPHY
SOUTHERN OKLAHOMA AULACOGEN - WICHITA MOUNTAINS BLOCK

Carbonate ← Clastic → Clastic Base | Basin Type | Shelf Type | Active (internal) | Passive (external) Clastic →

	Major Units	Age	Exposed
	Pontotoc thru Cloud Chief	Permian	Wichita Mtns. - Anadarko Basin
	uuuuuu		
	Morrow thru Virgil	Pennsylvanian	No
T	xxxxxx		
	Kinderhook thru Springer	Mississippian	No
	uuuuuu		
	Woodford	Devonian-Mississippian	No
	uuuuuuu		
	Hunton	Silurian-Devonian	No
	uuuuuuu		
	Viola	Upper Ordovician	Wichita Mtns.
	Simpson	Ordovician	No
	Arbuckle Group	Cambro-Ordovician	Wichita Mtns.
	xxx? (seismic only)		
	Timbered Hills Group	Cambrian	"
	uuuuuuu		
	Late diabase	~0.52by	Wichita Mtns.
	Wichita Granite Group	0.52by	Wichita Mtns.
	Carlton Rhyolite Group	0.52by	Wichita Mtns.
N	xxxxxxx		
	uuuuuuu		
	Navajoe Mountain Basalt-Spilite Group	.55-1.4by(?)	No
	Raggedy Mountain Gabbro Group		Wichita Mtns.
	Roosevelt Gabbros	0.55by	
	Glen Mountains Layered Complex	0.55-1.4by(?)	
N?	xxxxxxx		
	Tillman Metasedimentary Group	1.0-1.3by(?)	Wichita Mtns. (?)
	uuuuuuu		
	Older Basement	>1.2by(?)	No

"uuu" represent unconformities; "xxx" = periods of faulting with N = normal; T = thrust