

Stratigraphic Nomenclature of the Springer Group and Bounding Strata in the Anadarko and Ardmore Basins in Western Oklahoma

SYSTEM	Series	Anadarko basin Informal subsurface names				Ardmore basin Informal subsurface names		Ardmore basin Formal surface names														
PENNSYLVANIAN	Morrowan	Morrow Group	Morrow Formation	Upper	A, B, C. etc. sands Purvis Puryear Pierce Bradstreet } Deep-basin chert conglomerates	Dornick Hills Group	Golf Course Formation	Otterville Limestone	Dornick Hills Group	Golf Course Formation	Otterville Limestone											
				Lower	"Squaw Belly" limy segments							Gene Autry Shale										
MISSISSIPPIAN	Chesterian	Springer Group	Springer formation	Lower Morrow sands		Springer Group	Springer Formation	Primrose Sandstone	Springer (Noble Ranch) Group	Springer Formation	Lake Ardmore Sandstone Target limestone											
				Primrose sands								Overbrook Sandstone										
				?									Rod Club Ss.									
				Cunningham sands →										← Markham sand →								
				Britt sand →											← Aldridge sand →							
				and carbonate												← Humphreys sand →						
				Boatwright →													← Sims sand →					
				sand and carbonate														Flattop sand (Lower Sims or Upper Goodwin sand) Goodwin sand Lower Goddard sands				
				Goddard formation SE Anadarko basin	Goddard (Boatwright?) Shale														Springer (Goddard) Formation	Goddard Formation	Red Oak Hollow Sandstone	
					Goodwin sand																	
Lower Goddard sand		Caney shale	Caney shale																			
"Chester" limestone ("Manning" limestone)				Sycamore Limestone																		
Meramecian	"Meramec" limestone		Sycamore Limestone		Sycamore Limestone																	
Osagean	?			Woodford Shale		Woodford Shale																
Kinderhookian			Woodford Shale		Woodford Shale																	
DEVONIAN		Woodford Shale		Woodford Shale		Woodford Shale																