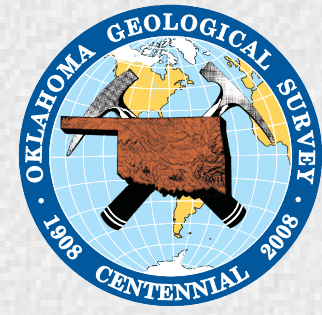




STRATIGRAPHIC GUIDE TO OKLAHOMA OIL AND GAS RESERVOIRS

By
Dan T. Boyd

Time Scale			Region 1					Region 2					Region 3					Region 4					Region 5			Region 6																																		
System	Series	Group	Greater Anadarko Basin and Shelf					Cherokee Platform					Wichita Uplift + Hollis-Marietta Basins					Ardmore Basin					Greater Arbuckle Uplift			Arkoma Basin + Ouachita Uplift																																		
G	Permian	Leonardian	El Reno																																																									
		Enid				Garber					Garber																																																	
		Wolfcampian	Chase			Brown Dolomite	Herrington	Nichols		Herrington	Dolomite																																																	
						Krider	Fortuna																																																					
F		Wabauunsee	Virgilian	Chase	Hugoton	Fort Riley	Noble-Olson	Campbell	Ragan	Sams	Crews	Vertz	Ebert	Blake	Blaydes	Booth	Baleman	Wilson	Watkins	Cisco Lime	Cisco Lime	Griffin	Skaggs	Helvey																																				
		Council Grove	Hotson	Foraker	Belveal	Admire	Campbell	Ragan	Sams	Crews	Vertz	Ebert	Blake	Blaydes	Booth	Baleman	Wilson	Watkins	Cisco Lime	Cisco Lime	Griffin	Skaggs	Helvey																																					
		Admire	Belveal	Campbell	Ragan	Sams	Crews	Vertz	Ebert	Blake	Blaydes	Booth	Baleman	Wilson	Watkins	Cisco Lime	Cisco Lime	Griffin	Skaggs	Helvey																																								
Douglas	Shawnee	Virgil	Hoxbar	Kansas City	Verden	Marchand	Hogshooter	Layton	Bruner	Jones	Nuyaka	Dillard	Norris	Boyd	Lone Grove	Conglomerate	Sanders (?)	Taylor	Derrick Hills (Lower)	Derrick Hills (Upper)	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka																													
Ochelata	Missourian	Skatook	Hoxbar	Kansas City	Verden	Marchand	Hogshooter	Layton	Bruner	Jones	Nuyaka	Dillard	Norris	Boyd	Lone Grove	Conglomerate	Sanders (?)	Taylor	Derrick Hills (Lower)	Derrick Hills (Upper)	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka																													
Marmaton	Des Moinesian	Cabaniss	Hoxbar	Kansas City	Verden	Marchand	Hogshooter	Layton	Bruner	Jones	Nuyaka	Dillard	Norris	Boyd	Lone Grove	Conglomerate	Sanders (?)	Taylor	Derrick Hills (Lower)	Derrick Hills (Upper)	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka																													
Krebs	Des Moinesian	Marmaton	Hoxbar	Kansas City	Verden	Marchand	Hogshooter	Layton	Bruner	Jones	Nuyaka	Dillard	Norris	Boyd	Lone Grove	Conglomerate	Sanders (?)	Taylor	Derrick Hills (Lower)	Derrick Hills (Upper)	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka																													
Springer	Mississippian	Chesterian	Hoxbar	Kansas City	Verden	Marchand	Hogshooter	Layton	Bruner	Jones	Nuyaka	Dillard	Norris	Boyd	Lone Grove	Conglomerate	Sanders (?)	Taylor	Derrick Hills (Lower)	Derrick Hills (Upper)	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka																													
Caney	Mississippian	Meramecian	Hoxbar	Kansas City	Verden	Marchand	Hogshooter	Layton	Bruner	Jones	Nuyaka	Dillard	Norris	Boyd	Lone Grove	Conglomerate	Sanders (?)	Taylor	Derrick Hills (Lower)	Derrick Hills (Upper)	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka																													
Woodford	Mississippian	Osagean	Hoxbar	Kansas City	Verden	Marchand	Hogshooter	Layton	Bruner	Jones	Nuyaka	Dillard	Norris	Boyd	Lone Grove	Conglomerate	Sanders (?)	Taylor	Derrick Hills (Lower)	Derrick Hills (Upper)	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka																													
Hunton	Mississippian	Niagaran	Hoxbar	Kansas City	Verden	Marchand	Hogshooter	Layton	Bruner	Jones	Nuyaka	Dillard	Norris	Boyd	Lone Grove	Conglomerate	Sanders (?)	Taylor	Derrick Hills (Lower)	Derrick Hills (Upper)	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka																												
Sylvan	Ordovician	Champlainian	Hoxbar	Kansas City	Verden	Marchand	Hogshooter	Layton	Bruner	Jones	Nuyaka	Dillard	Norris	Boyd	Lone Grove	Conglomerate	Sanders (?)	Taylor	Derrick Hills (Lower)	Derrick Hills (Upper)	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka																													
Arbuckle	Ordovician	Croixan	Hoxbar	Kansas City	Verden	Marchand	Hogshooter	Layton	Bruner	Jones	Nuyaka	Dillard	Norris	Boyd	Lone Grove	Conglomerate	Sanders (?)	Taylor	Derrick Hills (Lower)	Derrick Hills (Upper)	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka																													
Timbered Hills	Pre-Cambrian	Granite	Hoxbar	Kansas City	Verden	Marchand	Hogshooter	Layton	Bruner	Jones	Nuyaka	Dillard	Norris	Boyd	Lone Grove	Conglomerate	Sanders (?)	Taylor	Derrick Hills (Lower)	Derrick Hills (Upper)	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka	Atoka																													

Lithology Color Code

- Sandstone
- Carbonate
- Shale
- Coal
- Granite Wash