TARR 1890	DUMBLE 1890	CUMMINS 1891	DRAKE 1893 (1917)			PLUMMER AND MOORE 1921 / MOORE AND PLUMMER 1922			HUDNALL AND PIRTLE				SELLARDS [1] 1933			BULLARD AND CUYLER 1935			NICKELL 1938			MOORE 1949			CHENEY 1940, 1945, 1948, 1949, 1950, 1951			CHENEY AND EARGLE 1951			JENKINS 1952			THIS REPORT		
									COLEMAN COUNTY 1929			BROWN COUNTY 1931																										
DIVISION	SERIES	DIVISION	DIVISION	BED	GROUP	FORMATION	MEMBER AND BED OR LENTIL		MEMBER AND BED			MEMBER AND BED	GROUP	FORMATION	MEMBER	GROUP	FORMATION	MEMBER AND BED	GROUP	FORMATION	MEMBER				SERIES	GROUP OR FORMATION	FORMATION OR MEMBER	MEMBER OR BED				SERIES	FORMATION	MEMBER	GROUP	FORMATION	MEMBER
COLEMAN, IN PART	COLEMAN-ALBANY, IN PART	ALBANY, IN PART	CISCO, IN PART	Camp Colorado bed	CISCO, IN PART	PUEBLO	Camp Colorado limestone		Camp Colorado limestone			Camp Colorado limestone	CISCO	PUEBLO	Camp Colorado limestone	CISCO	PUEBLO	Camp Colorado limestone	WICHITA	PUEBLO	Camp Colorado limestone	BEDS OF WOLFCAMP AGE			WOLFCAMP		Camp Colorado									
				Bed no. 13			Shale								Shale			Shale			Shale																
				Stockwether bed (also bed no. 18).			Stockwether limestone		Stockwether limestone						Stockwether limestone			Stockwether limestone			Stockwether limestone		WICHITA		WOLFCAMP	PUEBLO	Stockwether									
				Coon Mountain bed											Coon Mountain sandstone			Coon Mountain sandstone			Coon Mountain sandstone															
				Camp Creek bed			Camp Creek shale								Camp Creek shale			Camp Creek shale			Camp Creek shale			PUEBLO			Camp Creek shale and limestone									
				Saddle Creek bed		HARPERSVILLE	Saddle Creek limestone		Saddle Creek limestone			Saddle Creek limestone		HARPERSVILLE	Saddle Creek limestone		HARPERSVILLE	Saddle Creek limestone		HARPERSVILLE	Saddle Creek limestone						Saddle Creek									
				Waldrip bed (or beds)			Shale, sandstone, and coal					Coal			Waldrip limestone			Waldrip limestone			Waldrip bed of Drake						Waldrip shale									
WALDRIP COAL	WALDRIP-CISCO	CISCO, INCLUDES COAL BED NO. 7		Chaffin bed (or beds)		THRIFTY	Breckenridge limestone			Upper Crystal Falls limestone					Breckenridge limestone (Chaffin limestone, Colorado River valley)			Breckenridge limestone			Chaffin limestone						Obregon									
				Parks Mountain conglomerate and sandstone bed						Lower Crystal Falls limestone					Parks Mountain sandstone			Avis sandstone			Parks Mountain sandstone						Crystal Falls Quinn clay									
				Lohn bed			Shale, sandstone, and limestone								Lohn shale						Lohn shale						Breckenridge									
				Speck Mountain limestone bed											Speck(s) Mountain limestone			Speck Mountain limestone			Speck Mountain limestone						Speck Mountain									
				Speck Mountain clay bed			Speck Mountain limestone														Shale (Speck Mountain clay of Drake)															
				Bellerophon bed			Shale, sandstone, and limestone		Breckenridge limestone	Bellerophon bed		Breckenridge limestone			Ivan limestone			Speck Mountain limestone			Bellerophon limestone						Ivan									
				Trickham bed											Avis sandstone						Avis sandstone						Avis sandstone									
?	?			*Campophyllum* bed			Wayland shale								Wayland shale (Trickham shale near bottom of Thrifty in Colorado River valley)												Wayland shale									
				Bluff Creek bed		GRAHAM	Gunsight limestone					Upper Gunsight limestone		GRAHAM	Gunsight limestone	GRAHAM		Wayland shale		GRAHAM	Gunsight limestone						Gunsight						Gunsight			
							Bluff Creek shale		Bunger limestone			Lower Gunsight limestone			Bluff Creek shale			Gunsight limestone			Bluff Creek shale						Bunger						Bluff Creek	Bunger limestone		
															Bunger limestone			Upper Bluff Creek shale									North Leon							White Ranch limestone		
							North Leon limestone					North Leon limestone			North Leon limestone Gonzales limestone			Bunger limestone									Gonzales									
																		White Ranch limestone									Bluff Creek shale									
BROWNWOOD	BROWNWOOD-RANGER	CANYON	CANYON	Home Creek bed	CANYON	CADDO CREEK	Home Creek limestone		Home Creek	Home Creek			CANYON	CADDO CREEK	Home Creek limestone	CANYON	CADDO CREEK	Home Creek limestone	CANYON	CADDO CREEK	Home Creek limestone					CADDO CREEK	Home Creek limestone						Home Creek				
				Hog Creek bed			Hog Creek shale								Hog Creek shale			Hog Creek shale			Hog Creek shale						Colony Creek shale						Colony Creek				
				Cherty limestone bed		BRAD	Ranger limestone							BRAD	Ranger limestone		BRAD	Ranger limestone		BRAD	Ranger limestone					CADDO CREEK	Home Creek limestone Colony Creek shale										
				Bed no. 7			Placid shale		Not separated			Ranger limestone						Placid shale (includes limestone beds 1 to 5)			Shale (includes cherty limestone)					BRAD	Ranger limestone						Ranger				
				Clear Creek bed			Clear Creek limestone					Clear Creek limestone			Merriman limestone (originally applied to part of Clear Creek limestone)			Clear Creek limestone			Winchell (includes limestone beds 1 to 4)						Placid shale						Placid				
				Cedarton bed			Cedarton shale								Cedarton shale			Cedarton shale			Cedarton shale					GRAFORD	Winchell	Limestones 1 to 4					Winchell	Corn Creek limestone			
				Adams Branch limestone		GRAFORD	Adams Branch limestone					Adams Branch limestone		GRAFORD	Adams Branch limestone		GRAFORD	Adams Branch limestone		GRAFORD	Adams Branch limestone						Cedarton shale						Cedarton				
				Brownwood bed			Brownwood shale								Brownwood shale (includes limestone correlated with Palo Pinto by Cheney)			Brownwood shale			Lower shale						Adams Branch limestone						Adams Branch				
MILBURN SHALES	MILBURN-STRAWN			Rochelle conglomerate								Palo Pinto limestone			Milburn shale			Rochelle conglomerate			Palo Pinto(?) limestone						Brownwood shale						Brownwood				
				Coral limestone bed			Capps limestone lentil								Rochelle conglomerate													Fusulinid bed									
							Rochelle conglomerate								Capps limestone						Shale															
RICHLAND SANDSTONE, INCLUDING ROCHELLE CONGLOMERATE AT TOP	RICHLAND-GORDON SANDSTONES	STRAWN	STRAWN	Ricker bed	STRAWN	MINERAL WELLS FORMATION AND MILLSAP FORMATION, UNDIFFERENTIATED	Ricker bed				STRAWN	Ricker bed	STRAWN	MINERAL WELLS	Ricker bed, etc. of Drake	STRAWN		Undifferentiated	STRAWN	MINERAL WELLS	Capps limestone Ricker sandstone																
				Indian Creek bed																																	
				Antelope Creek bed																																	
				Comanche Creek bed																																	
				Wilbarger Creek bed																																	
				Buffalo Creek bed																																	
				Rough Creek bed																																	
				Hanna Valley bed																																	
				Cottonwood Creek bed																																	
				Spring Creek bed																																	
				Brown Creek bed																																	
				Big Valley bed																																	
				Bull Creek bed																																	
				Horse Creek bed																																	
				Fox Ford bed																																	
				Bed no. 8																																	
				Shadrick Mill bed																																	
				Elliott Creek bed																																	
				Burnt Branch bed																																	
				Lynch Creek bed																																	

[1] Sellards lists all units recognized in both Brazos and Colorado River valleys. Only those names that have been used for units in the Colorado River valley are included here

[2] Base of the Pueblo formation considered to be an obscure disconformity between limestone beds 1 and 2 of the Waldrip shale

[3] Nomenclature of East Mountain shale and lower units proposed for Brazos River valley only; formation or member equivalents in the Colorado River valley not definitely correlated

[4] Redefined

531480 O - 60 (In pocket)

CLASSIFICATION OF PENNSYLVANIAN AND LOWER PERMIAN ROCKS IN BROWN AND COLEMAN COUNTIES, TEXAS