

System	Epoch/ Series/ Stage	Time (m.y.)	Delaware Basin	NW Shelf New Mexico	NW Shelf Texas	Central Basin Platform	Midland Basin		
PERMIAN	Ochoan	251	Dewey Lake	Dewey Lake	Dewey Lake	Dewey Lake	Dewey Lake		
			Rustler	Rustler	Rustler	Rustler	Rustler		
			Salado	Salado	Salado	Salado	Salado		
			Castile	Castile	Castile				
	Guadalupian		Delaware Mountain Group	Bell Canyon	Tansill	Tansill	Tansill	Tansill	
					Yates	Yates	Yates	Yates	
				Cherry Canyon	Seven Rivers	Seven Rivers	Seven Rivers	Seven Rivers	
					Queen	Queen	Queen	Queen	
				Grayburg	Grayburg	Grayburg	Grayburg		
			Brushy Canyon	Upper San Andres	Upper San Andres	Upper San Andres	San Andres		
							Brushy Canyon		
			Leonardian		Cutoff	Lower San Andres	Lower San Andres	Lower San Andres	Spraberry Dean
								Holt	
					Bone Spring	1st carbonate	Glorieta	Glorieta	
	1st sand								
	2nd carbonate	Paddock	Upper Clear Fork	Upper Clear Fork					
	2nd sand								
	3rd carbonate	Blinebry	Middle Clear Fork	Middle Clear Fork					
	3rd sand	Tubb	Tubb	Tubb					
	Lower carbonate	Drinkard	Lower Clear Fork	Lower Clear Fork					
		Abo	Abo	Abo/Wichita					
	Wolfcampian		Wolfcamp	Wolfcamp	Wolfcamp	Wolfcamp	Wolfcamp		
PENNSYLVANIAN	Virgilian	302	Cisco	Cisco	Cisco	Cisco	Cisco		
	Missourian		Canyon	Canyon	Canyon	Canyon	Canyon		
	Desmoinesian		Strawn	Strawn	Strawn	Strawn	Strawn		
	Atokan		Atoka	Atoka	Atoka	Atoka	Atoka/Bend		
	Morrowan		Morrow	Morrow	Morrow				
MISSISSIPPIAN	Chesterian	323	Barnett	Barnett	Barnett	Barnett	Barnett		
	Meramecian								
	Osagean		Mississippian	Mississippian	Mississippian	Mississippian	Mississippian		
	Kinderhookian								
DEVONIAN	Famennian	363	Woodford	Woodford	Woodford	Woodford	Woodford		
	Frasnian								
	Givetian								
	Eifelian								
	Emsian								
	Pragian		Thirtyone		Thirtyone	Thirtyone	Thirtyone		
	Lochkovian								
SILURIAN	Pridolian	417	Wristen Group	Wristen Group	Wristen Group	Wristen Group	Wristen Group		
	Ludlovian								
	Wenlockian								
	Llandoveryan								
ORDOVICIAN	Ashgillian	443	Fusselman	Fusselman	Fusselman	Fusselman	Fusselman		
	Caradocian		Montoya	Montoya	Montoya	Montoya	Sylvan Montoya		
	Llandeilian		Bromide				Bromide	Bromide	
			Tulip Creek				Tulip Creek	Tulip Creek	
			McLish				McLish	McLish	
			Oil Creek				Oil Creek	Oil Creek	
	Joins					Joins	Joins		
Arenigian	Ellenburger	Ellenburger	Ellenburger	Ellenburger					
Tremadocian									
CAMBRIAN		495	Bliss	Bliss	Bliss	Cambrian	Cambrian		
PRE CAMBRIAN GRANITE							Samson Exhibit NMOCD Case Submitted 8/10		

Samson Exhibit 2
NMOCD Case Nos. 13492/13493
Submitted 8/10/06