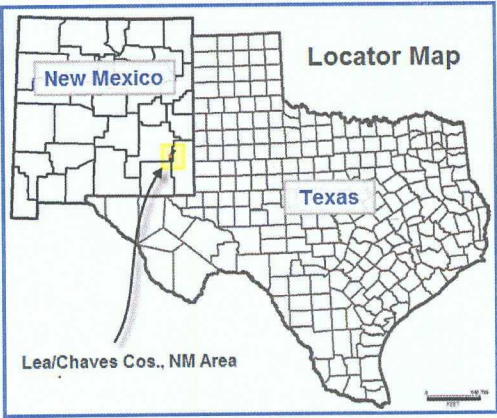


Queen Reservoir
Type Section
Caprock Field
Lea/Chaves Co., NM



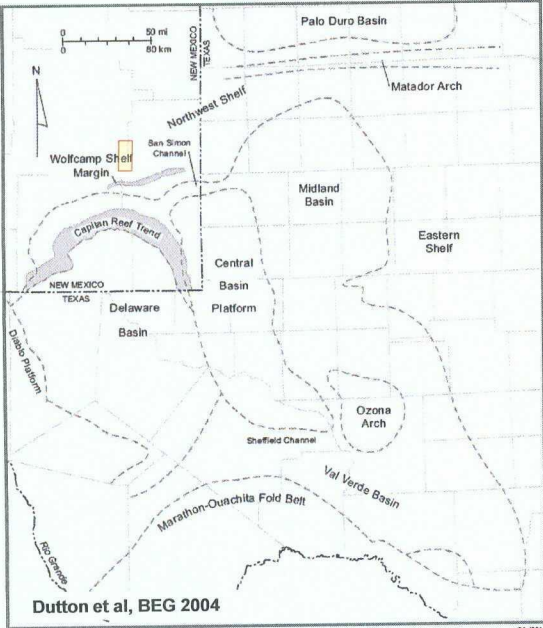
Drickey Queen #144
Chaves Co., NM

3,200
T13S R31E S35

Trigg Federal 4 #38
TD 4808

Chaves Co., NM
T14S R21E S4

Major subdivisions and boundaries of the Permian Basin in west Texas and New Mexico



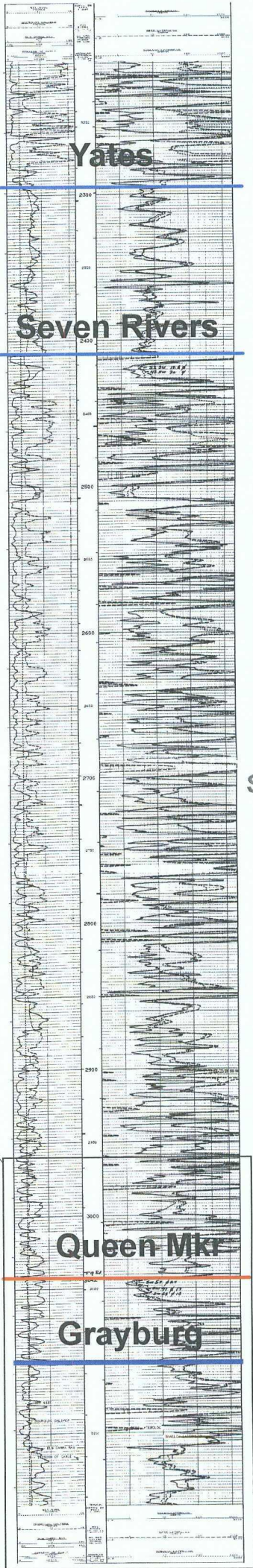
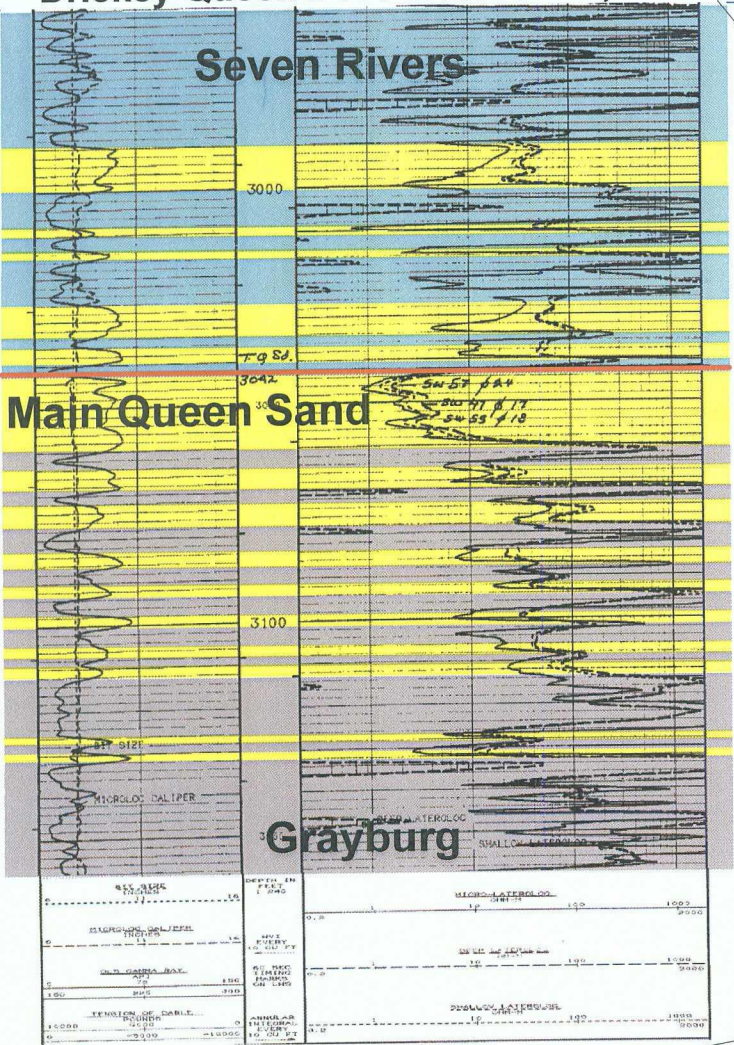
Stratigraphic nomenclature for the Permian section in the Permian Basin

System	Epoch/ Series/ Stage	Time (m.y.)	Delaware Basin	NW Shelf New Mexico	NW Shelf Texas	Central Basin Platform	
PERMIAN	Ochoan	251	Dewey Lake	Dewey Lake	Dewey Lake	Dewey Lake	
			Rustler	Rustler	Rustler	Rustler	
			Salado	Salado	Salado	Salado	
			Castile	Castile	Castile	Castile	
	Guadalupian		Delaware Mountain Group	Bell Canyon	Tansill	Tansill	Tansill
					Yates	Yates	Yates
					Seven Rivers	Seven Rivers	Seven Rivers
					Queen	Queen	Queen
				Cherry Canyon	Grayburg	Grayburg	Grayburg
				Upper San Andres	Upper San Andres	Upper San Andres	
				Brushy Canyon			
	Leonardian		Cutoff	Lower San Andres	Lower San Andres	Lower San Andres	
				Glorieta	Glorieta	Glorieta	
				Paddock	Upper Clear Fork	Upper Clear Fork	
				Blinberry	Middle Clear Fork	Middle Clear Fork	
Wolfcampian	Wolfcamp	Wolfcamp	Wolfcamp	Wolfcamp			
					Tubb	Lower Clear Fork	Lower Clear Fork
					Abou	Abou	Abou
					Abou	Abou	Abou

Dutton et al, BEG 2004

Queen Interval Log Detail

Resistivity & Gamma Ray Logs
Drickey Queen #144 Chaves Co., NM



Trigg Federal 4 #38
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Chaves Co., NM
T14S R21E S4
Rustler
Salado
Tansill
Yates
Seven Rivers
Queen
Grayburg
San Andres