




















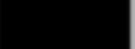








SYSTEM AND SERIES		STAGE	GROUP or FORMATION	
CRETACEOUS	LOWER	COMANCHEAN		
		OCHOAN - GUADALUPIAN		
PERMIAN		LEONARDIAN		
		WOLFCAMPIAN		
		VIRGILIAN	 CISCO GROUP	
PENNSYLVANIAN		MISSOURIAN	   CANYON GROUP	
			DESMOINESIAN	   STRAWN GROUP
		ATOKAN	     SMITHWICK SHALE    BEND GROUP	
		MORROWAN	    MARBLE FALLS LIMESTONE	
	MISSISSIPPIAN		CHESTERIAN-MERAMECIAN	   <b>BARNETT</b>  <b>SHALE</b>
			OSAGEAN	 CHAPPEL LIMESTONE
ORDOVICIAN	U		 VIOLA LIMESTONE	
	M		SIMPSON GROUP	
	L		 ELLENBURGER GROUP	
CAMB.	UPPER		WILBERNS - RILEY - HICKORY FORMATIONS	
PRE-CAMB.		GRANITE - DIORITE - METASEDIMENTS		

# BARNETT - PALEOZOIC TPS

-  Source rock
-  Seal rock
-  Reservoir rock (gas)
-  Reservoir rock (oil)

 **Barnett Shale**