

NW Shelf Strat Column

Stratigraphy of the Northwest Shelf of the Permian Basin

PERIOD	EPOCH	FORMATION	GENERAL LITHOLOGY	APPROXIMATE THICKNESS (ft)
Permian	Ochoan	Dewey Lake	Redbeds/Anhydrite	200-400
		Rustler	Anhydrite	100
		Salado	Halite/Anhydrite	1000
	Guadalupian	Tansil	Anhydrite/Dolomite	200
		Yates	Anhydrite/Dolomite Anhydrite	200
		Seven Rivers	Dolomite/Anhydrite	500
		Queen	Sandy Dolomite /Anhydrite/Sandstone	200-500
		Grayburg	Dolomite/ Anhydrite /Shale/Sandstone	300
		San Andres	Dolomite/Anhydrite	1500
	Leonardian	Glorieta	Sandy Dolomite	100
		Yeso	Dolomite/ Anhydrite /Sandstone	1500
		Abo	Dolomite/Anhydrite /Shale	1000
	Wolfcampian	Wolfcamp	Limestone/Dolomite	0-1500
Pennsylvanian	Virgilian	Cisco	Limestone/Sandstone	0-1250
	Missourian	Canyon	Limestone/Shale	
	Des Moinesian	Strawn	Limestone/Sandstone	0-750
	Atokan	Bend	Limestone/Sandstone /Shale	0-1250
	Morrowan	Morrow		
Mississippian		----	Limestone/Shale	0-800
Devonian		----	Dolomite/Chert	0-1200
Silurian		Fusselman		
Ordovician	Upper	Montoya	Dolomite/Chert	0-400
	Middle	Simpson	Limestone/Sandstone /Shale	0-200
	Lower	Ellenburger	Dolomite	0-400
Cambrian		----	Sandstone	----

Stratigraphy of the Northwest Shelf of the Permian Basin General lithology and approximate stratigraphic thickness for each formation are indicated.

Modified from Brown, 1977; 2nd Edition, 1978; 3rd Edition, 1980; 4th Edition, 1982; 5th Edition, 1984; 6th Edition, 1986; 7th Edition, 1988; 8th Edition, 1990; 9th Edition, 1992; 10th Edition, 1994; 11th Edition, 1996; 12th Edition, 1998; 13th Edition, 2000; 14th Edition, 2002; 15th Edition, 2004; 16th Edition, 2006; 17th Edition, 2008; 18th Edition, 2010; 19th Edition, 2012; 20th Edition, 2014; 21st Edition, 2016; 22nd Edition, 2018; 23rd Edition, 2020; 24th Edition, 2022; 25th Edition, 2024; 26th Edition, 2026; 27th Edition, 2028; 28th Edition, 2030; 29th Edition, 2032; 30th Edition, 2034; 31st Edition, 2036; 32nd Edition, 2038; 33rd Edition, 2040; 34th Edition, 2042; 35th Edition, 2044; 36th Edition, 2046; 37th Edition, 2048; 38th Edition, 2050; 39th Edition, 2052; 40th Edition, 2054; 41st Edition, 2056; 42nd Edition, 2058; 43rd Edition, 2060; 44th Edition, 2062; 45th Edition, 2064; 46th Edition, 2066; 47th Edition, 2068; 48th Edition, 2070; 49th Edition, 2072; 50th Edition, 2074; 51st Edition, 2076; 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