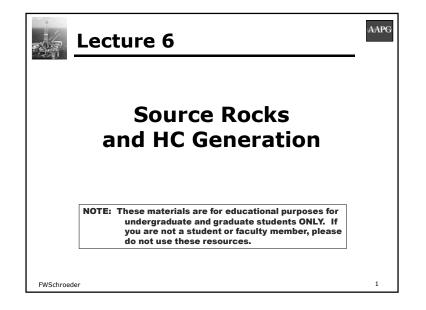


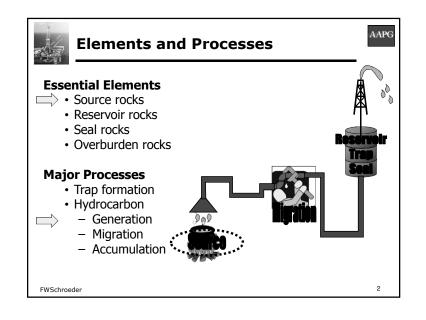
•Mostly marine shales and marls of the Shackleton Member. •Some shales within the Ross Fm act as intra-Ross seals.

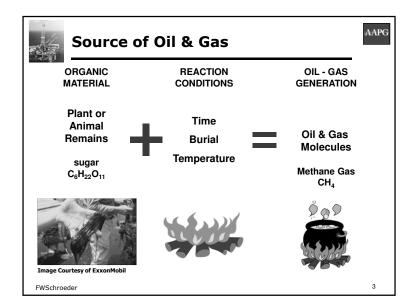
<u>Maturation and Migration</u> •The major generation and expulsion was initiated in the Miocene. •Peak generation at depths of 4-5 km for oil and 5-6 km for gas.

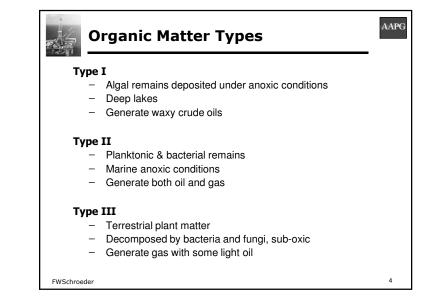
FWSchroeder

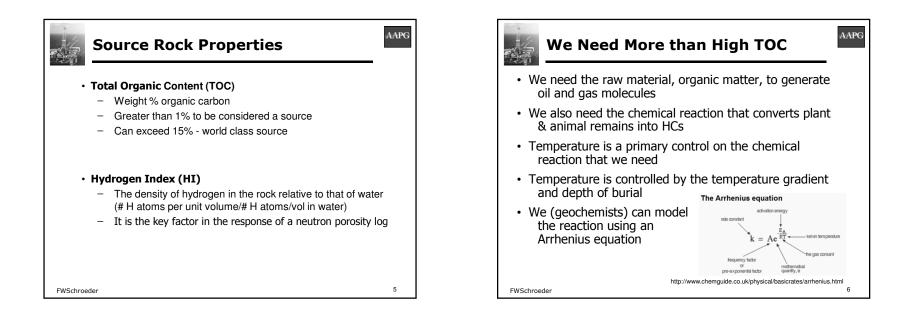
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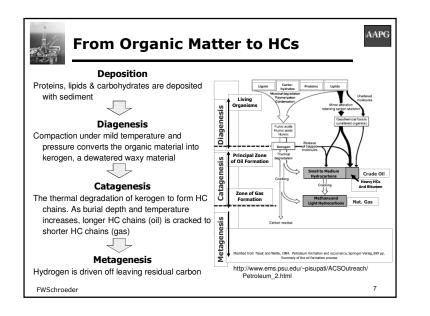


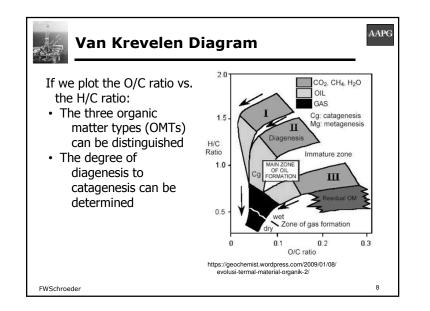


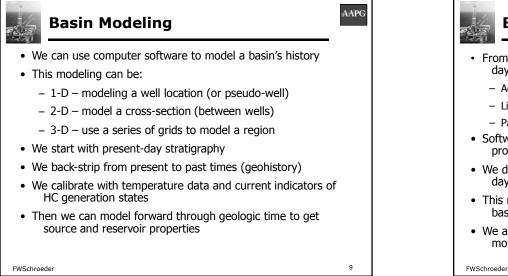


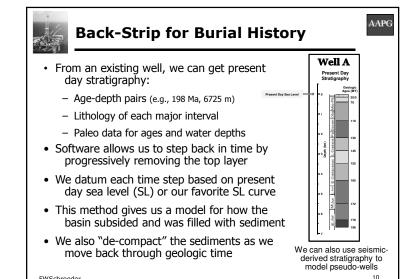


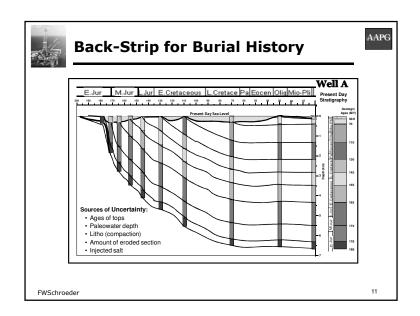


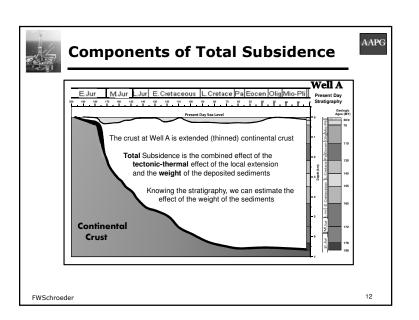


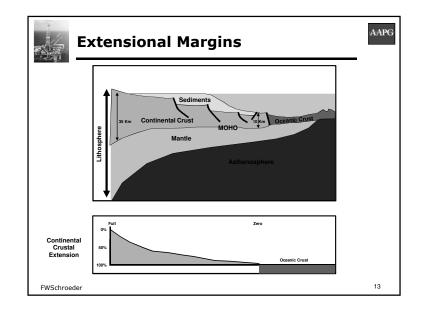


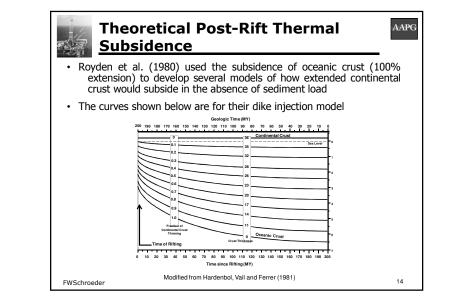


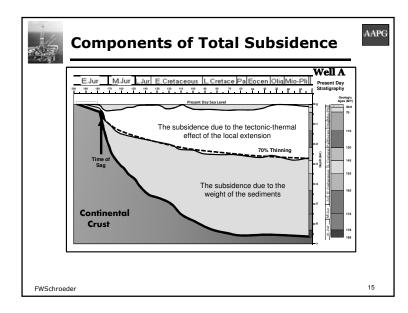


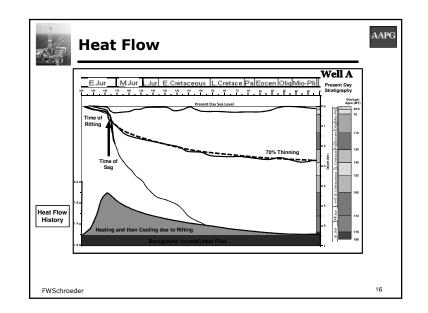


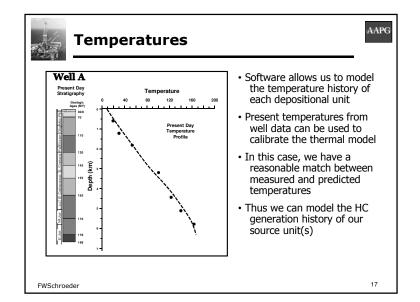


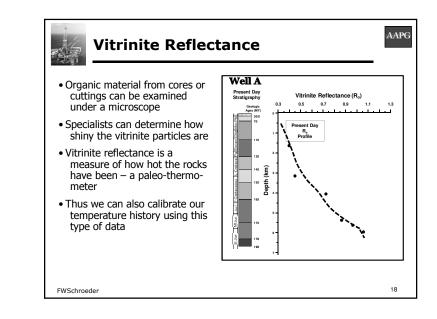


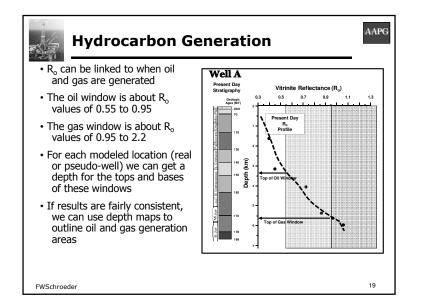


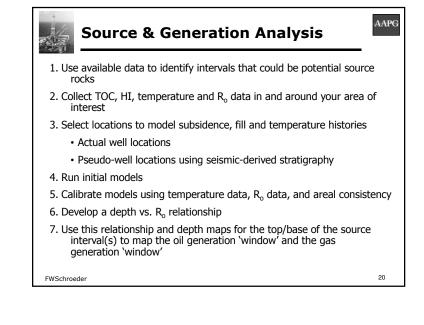




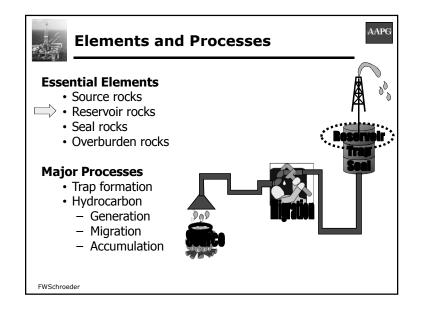


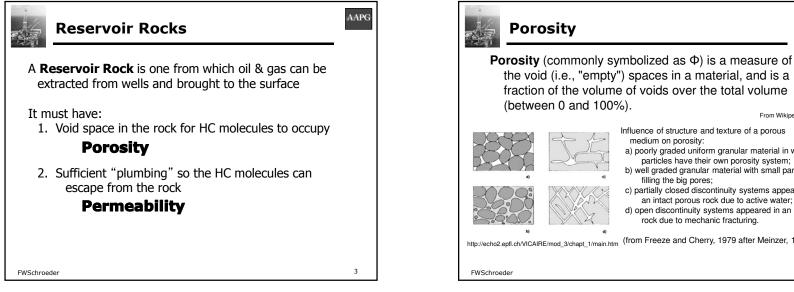






	Lecture 7	AAPG
	<b>Reservoir Rocks</b>	
	NOTE: These materials are for educational purposes for undergraduate and graduate students ONLY. If you are not a student or faculty member, please do not use these resources.	
FWSchroed		1





Influence of structure and texture of a porous medium on porosity:

AAPG

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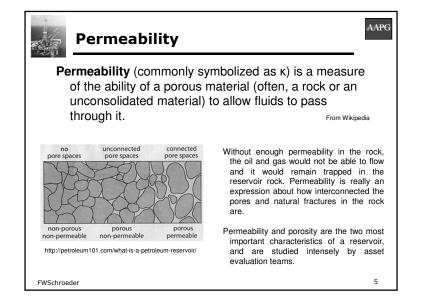
From Wikipedia

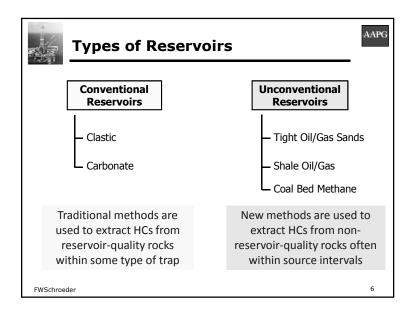
a) poorly graded uniform granular material in which particles have their own porosity system; b) well graded granular material with small particles

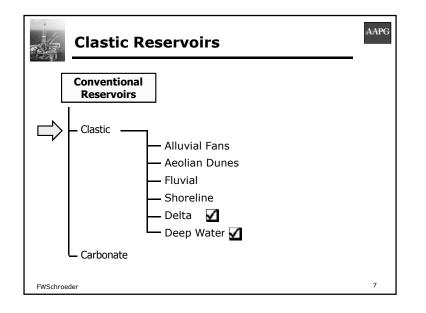
filling the big pores; c) partially closed discontinuity systems appeared in an intact porous rock due to active water;

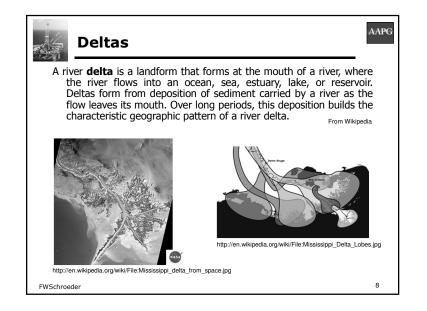
d) open discontinuity systems appeared in an intact rock due to mechanic fracturing.

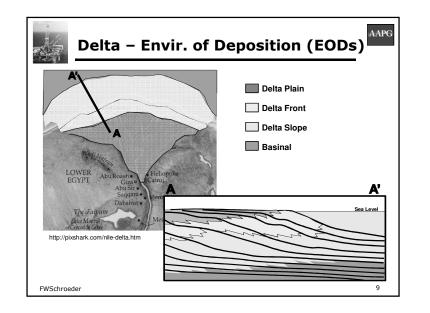
http://echo2.epfl.ch/VICAIRE/mod\_3/chapt\_1/main.htm (from Freeze and Cherry, 1979 after Meinzer, 1923)

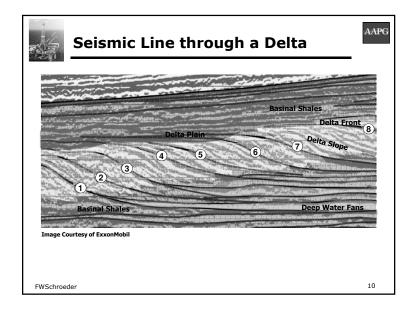


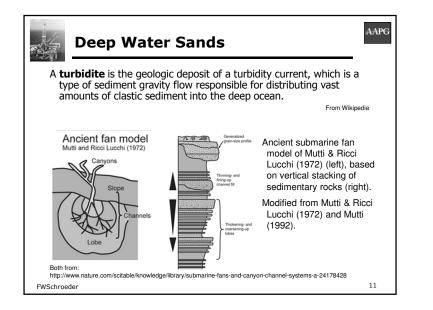


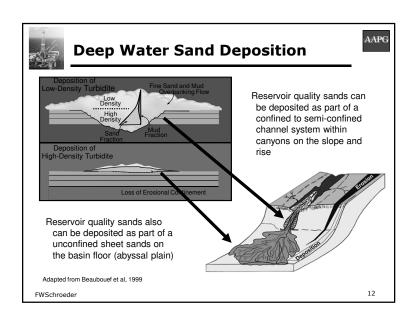


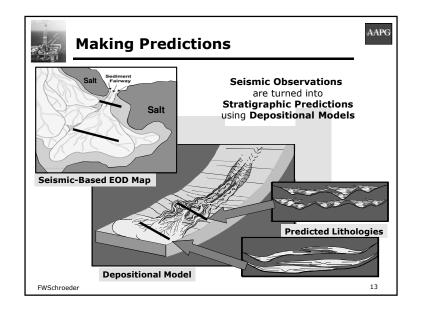


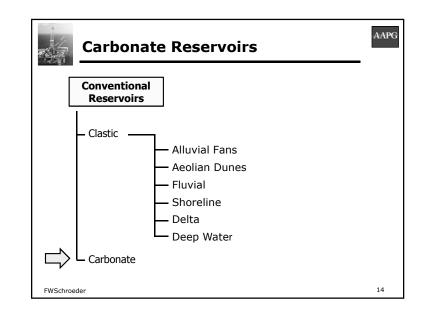


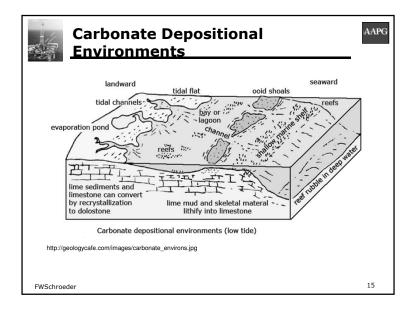


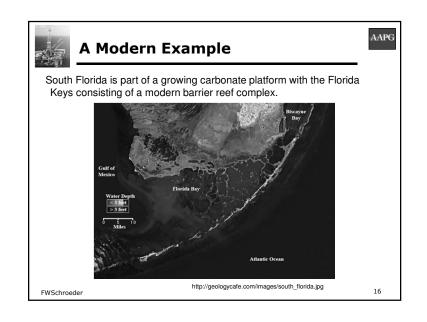


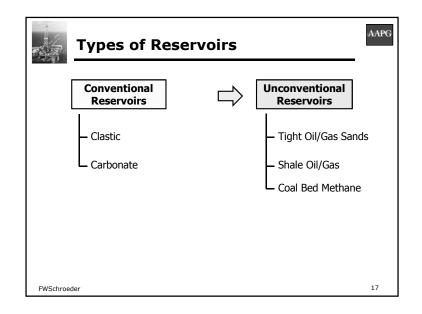


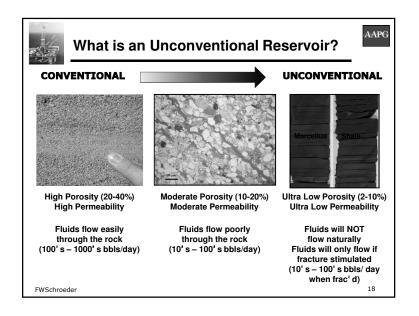


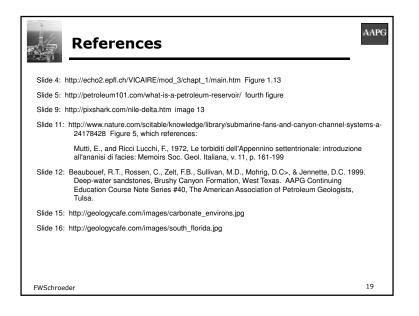












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