

Characteristics of Carbonate Rocks: Examples from the Northern Gulf of Mexico

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EXTENDED ABSTRACT

This lecture focuses on the sedimentary and stratigraphic characteristics of carbonate rocks in the northern Gulf of Mexico. Emphasis is placed on carbonate depositional models, systems and associated potential reservoir facies. The anatomy of carbonate reservoirs is examined from thin sections, cores, well logs, and outcrops (Fig. 1). The effects depositional conditions and diagenetic processes have on reservoir quality and productivity are reviewed. The lecture concludes with discussion about exploration and development strategies for carbonate reservoirs.

... (Note: The full version of this extended abstract, including complete text, illustrations, and references, will be made available at a later date on both the 2014 GCAGS convention website [www.gcags2014.com] and AAPG Search and Discovery website [www.searchanddiscovery.com]).