



Basic Petroleum Geology – Sedimentary Geology – Depositional Controls for Carbonate Reservoir Rocks

MODULE

About the Skill Module

The basic concepts of Sedimentary Geology, including depositional controls for sedimentary rocks, form an essential part of the foundation for Petroleum Geology. Reservoir Rock is one of the essential elements of a Petroleum System, and because Reservoir Rock quality and thickness attributes are often closely tied to depositional origin, Geologists need to understand the main depositional controls and be knowledgeable of key depositional environments in order to properly characterize Reservoir Rocks and predict their distribution.

This module introduces depositional controls and the main depositional environments for Carbonate Reservoir Rocks. Important post-depositional diagenetic processes affecting Carbonate Reservoir Rock quality are also introduced.

[See example Geology eLearning module](#)

Target Audience

Petroleum industry personnel in need of basic geological training, including engineering, geophysical, technical support, and administrative personnel.

You Will Learn

Participants will learn how to:

- The main depositional controls for carbonate (e.g., limestone) reservoir rock distribution and how they differ from clastics (e.g., sandstone)
- Classification system for carbonate rocks
- To describe the models for key depositional environments of carbonate sediments
- To distinguish the textural characteristics of carbonate deposits in different settings and describe the implications for reservoir quality and trends
- The main diagenetic processes affecting carbonate rocks and their impact on reservoir quality

Product Details

Categories: [Upstream](#)

Disciplines: Geology

Levels: Basic

Product Type: Individual Skill Module

Format: On-Demand

Duration: 3.5 hours (approx.)

\$395.00