



Basic Petroleum Geology – Sedimentary Geology – Depositional Controls for Clastic 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 Clastic Reservoir Rocks, a category that comprises mainly sandstone and conglomerate.

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 clastic (e.g., sandstone) reservoir rock distribution
- Categories and classification systems for clastic rocks
- To describe the models for key depositional environments of clastic rocks, including onshore river and desert settings, marginal marine beach and delta settings, and deep water submarine fan settings
- To distinguish the grain size characteristics of clastic deposits in different settings and describe the implications for reservoir quality and trends

Product Details

Categories: Upstream

Disciplines: Geology

Levels: Basic

Product Type: Individual Skill Module

Format: On-Demand

Duration: 5 hours (approx.)

\$395.00