

Reservoir Characterization of Deep Water Systems

COURSE OVERVIEW

This course will help delegates understand how to interpret and map environments of deposition (EoD's) in deep water systems and understand how the different EoD's and sub-EoD's behave as reservoirs. Engineering data will also be used to demonstrate how to improve the prediction of reservoir performance. Cores, well-logs, and seismic examples will be used to compare and contrast with core information to help participants to link the 1-D core information to 3-D views of reservoir-scale depositional systems.

WHO SHOULD ATTEND?

This program will benefit Geologists, Geophysicists, and Petroleum Engineers working on deep water reservoirs from exploration to production.

COURSE OUTCOMES

Delegates will gain knowledge and skills to:

- Interpret environments of deposition (EoDs) and related reservoir architecture, lithofacies associations and diversity
- Recognize the different EoDs and sub-EoDs in seismic, well logs and cores, and outcrops
- Review deep water lithofacies and nomenclature, common lithofacies associations and interpret lithofacies in cores
- Evaluate reservoir geometry and connectivity in different EoDs, integrating with production data
- Learn about the different EoDs in deep water that can generate reservoir-scale, sand-rich systems
- Use interpretation and mapping techniques for cores, well-logs and seismic lines in DW settings from Exploration to Production business scales

KEY COURSE HIGHLIGHTS

At the end of the course, you will understand:

- Reservoir geometry
- Environment of Deposition

All our courses are dual-certificate courses. At the end of the training, the delegates will receive two certificates.

1. A GTC end-of-course certificate
2. Continuing Professional Development (CPD) Certificate of completion with earned credits awarded