

Basic Petrophysical Interpretation Seminar

COURSE OVERVIEW

This interactive, applications-driven course will highlight the techniques and principles of formation evaluation for oil industry professionals dealing with wireline and/or LWD logs in their job environment. The course will explore the tools response to different lithologies and will help you understand log readings, applications and limitations. It will instruct you with the basic Petrophysical concepts as well as the log interpretation techniques and procedures for the correct evaluation of well logs on clean and shaly sand formations. This training course will utilize a variety of proven adult learning techniques to ensure maximum understanding, comprehension and retention of the information presented. The sessions will include visual, auditory and kinesthetic elements to cover the three different learning modalities. The daily sessions will be highly interactive and participative. This involves regular discussion of applications as well as hands-on exercises that will be solved manually and/or using Microsoft Excel.

WHO SHOULD ATTEND?

Geologists, Geophysicists, Petrophysicists, Petroleum, Reservoir and Drilling Engineers and in general, any other oil and gas industry professional who is involved in logging data interpretation and validation.

COURSE OUTCOMES

Delegates will gain knowledge and skills to:

- Understand the physical principles of main open hole logging tools
- Apply basic quality control techniques to validate logging data
- Know the main applications and limitations of the different readings
- Perform a quick qualitative interpretation to determine possible interest zones
- Perform a complete formation evaluation on a shaly sand environment

KEY COURSE HIGHLIGHTS

At the end of the course, you will understand:

- Discussions on tools physical principles and applications
- Tool limitations on different borehole environments
- Tips and examples to identify and understand common logging issues
- Explanation of petrophysical concepts and techniques for formation evaluation
- Application of interpretation methods in several examples and exercises

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