

## FUNDAMENTALS OF OPEN-HOLE LOG INTERPRETATION

This is a course designed for geologists, geophysicists, entry level log analysts, petroleum engineers and other industry professionals who are interested to learn some basic log interpretation techniques and skills.

The course will teach the basic petrophysical principles as well as techniques and procedures to interpret commonly available electric logs.

At the end of the seminar the participant will be able to perform a quick interpretation in open hole for clean sand and limestone formations.

### **The course will cover:**

- Introduction to well logging
- “Quick-look” Pattern Recognition
  - Identify reservoir/non-reservoir, lithology and fluid type
- SP and Gamma Ray principles and applications
- Resistivity tool principles and applications
- Acoustic tool principles and applications
- Basic nuclear tool principles and applications
- Basic deterministic calculations of volume shale, porosity, water resistivity and water saturation
- Complete well evaluation exercise to test competency

*More information contact Wallace International, LLC @ jwallace @Wallace-international.com*