FE 1   FORMATION EVALUATION

Dr. Soran Talabani   **Fees: 3200 €**

DUBAI: 21-23 Jan. 2018   &   10 – 12 June 2019

COURSE OVERVIEW

The course includes LWD, MWD and wireline logging engineering's, tools and basic interpretation of the open hole logs. Live hole placement is crucial and important for Drilling engineers to do based on logging data and its analysis. Cased hole logging are also taught in this course.   Basic core analysis will be introduced as well.
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WHO SHOULD ATTEND

Petrophysicst who are involved in decisions, Petroleum, Geologists, Reservoir and drilling engineers.

COURSE CONTENT

MWD & LWD:
- ❖ **Real Time Drilling Optimization**
- Rig Floor display
- Thinking underground
- Live intervention
- Data transfer
- RPM Analysis
- Dogleg detection
- Down hole Mud Motor
- Case history
- Different service companies capabilities

- ❖ **Live Hole Placement**
- Analysis of different WLD images
- Reach the exact spot in the reservoir

- The Auto systems
- GR-Density images
- Hole quality
- Bit selection
- Case histories

- ❖ **LWD Equipment**
- GR image tools, Density tools, Neutron tools, Resistivity tools, Pressure and Sound tolls
- Navigating though reservoirs; equipment system.
- Well bore positioning
- Latest technology
- LWD image logging tools
- Telemetry & others

- ❖ **The MWD & Surface Measurement System**
- Mud Logging
- Drilling Parameters; Gas detection, Flow rate, Pressure & Temperature, Pit volume and sample tests.
- MWD equipment and their uses
- Data analysis, case histories

Cased Hole & Production Logging:

❖ **Cased Hole Logging**
- Cement logging tools; LQC data, full analysis, predicting isolation and cement quality, quantify log data (VD), finding micro-annulus and life span of a well.
- Corrosion tools: Prediction of corrosion, micro-corrosion, identifying corrosion for up to three casing strings, the conductor pipe corrosion prediction & full data interpretation.
- Noise Logs: Type of Noise logs, LQC data, prediction of different fluid behind pipe, fluid migration from Noise logs, full data analysis & calculations.

❖ **The MWD & Surface Measurement System**
- Mud Logging
- Drilling Parameters; Gas detection, Flow rate, Pressure & Temperature, Pit volume and sample tests.
- MWD equipment and their uses
- Data analysis, case histories

THE LECTURER

Dr. Soran Talabani

Dr. Talabani is currently consultant for GTC GROUP of Companies in USA. Previously he was president of GTC GLOBAL, Global research and recruiting manager for Baker Hughes in USA. He also was a senior Petrophysicist and technical advisor for Baker Atlas-Baker Hughes Inc. in UAE, and Adjunct professor at the UAE University. He worked for over 28 years in different area in the oil industry; Cementing, Drilling, Drilling Fluids, Reservoir Engineering, and Well Logging. Talabani holds MS and PhD in petroleum engineering from UAF and New Mexico Tech University – USA. He has published over 30 papers in different area.
Dr. Talabani offers course on Cased Hole logging, Reservoir Monitoring, Advanced Drilling and Environment as well