

FE 3

Casing and Tubing Corrosion and Cement Evaluation Log Interpretation

Dr. Soran Talabani

Fees: 2400 €

DUBAU: 3 - 7 Dec. 2019 & 9 – 13 Sep. 2019

COURSE OVERVIEW

Reservoir Management involves planning and execution of field operations. It requires vital information on well and casing integrity. Evaluation of the quality of cement bond behind the casing as well as evaluating casing and tubing integrity is an area which receives a lot of attention in reservoirs with salt water zones. To enable Petrophysicists and production technologists to take remedial or protective measures, they need to be equipped with the needed knowledge on how to successfully detect these failures via electric log interpretation. This course/workshop is designed to give the theoretical knowledge and practical experience to detect casing corrosion and cement bond quality.

WHO SHOULD ATTEND

Production, Drilling and Petroleum Engineers, and Petrophysicst who are involved in decisions that depend on casing cement evaluation and casing / tubing corrosion evaluation.

COURSE CONTENT

DAY ONE & TWO

1. Cementing Techniques, Dynamics & Behaviors
2. Cement Displacement Mechanism
3. Cement Logging Tools
4. Principles of Cement Bond Tools
5. Analysis
6. Micro-annulus & Micro-fractures
7. Third Interface Reflections

8. Gas Effect
9. Field Examples

DAY THREE & FOUR

8. Corrosion Agents, Introduction.
9. Corrosion Prediction.
10. Corrosion Mechanism & Forms of Corrosion
11. Corrosion Logging Tools & Analysis
14. Field Examples

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