Training Course:

Integrated Reservoir Analysis

Training Course For One Week In

UAE, Dubai, Cityseason Suites Hotel

Which Be Held As Under Details:
Abar Solutions Petroleum Consultancy & Training Qualified From KPC Training & Consulting Services Provider

Abar Solutions Petroleum Consultancy Invite Your Employee To Participate With Us In Special Training Course As Under Details:

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<th>Integrated Reservoir Analysis</th>
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** The Fees Includes : Lecturer , Training Material , Training Room With One Coffee Break Daily , Certificate Of Attendance In Last Day Training Course **

Course Description

⇒ Clear understanding of the reservoir is essential to successful field development, Proper management of reservoirs requires an integrated multi-discipline team approach to ensure discovered or producing oil and gas assets are operating at optimal levels, This course offers specialists a change to broaden their knowledge to encompass other disciplines and skills, Participates will understand the high-level objectives of the business and obtain a wide
knowledge of available resources which will lead to the selection of the most appropriate solutions

Course Objectives

⇒ Have a deep understanding how to reach successful field development, Understand an integrated multi-discipline team approach to broaden their knowledge to encompass other disciplines and skills ensure discovered or producing oil and gas assets are operating at optimal levels, Obtain a wide knowledge of available resources which will lead to the selection of the most appropriate production solutions

Course Content & Outlines

⇒ Introduction, integration work and thought process
⇒ Rock Types / Flow units and reservoir characterization
⇒ Applied examples and deliverables
⇒ Geologic framework, mineralogy, reservoir compartmentalization, formation evaluation
⇒ Introduction to static and dynamic reservoir simulation
⇒ Introduction to the conceptual 3-Line log analysis method
⇒ Applied hands on workshops
⇒ Introduction to reservoir and lithofacies
⇒ Participant presentation 1 - Facies workshop results
⇒ Carbonate pore-geometry, thin-section and petrophysical description workshop and presentation
⇒ Introduction to Routine Core Analysis
⇒ Core porosity & Workshop - Golfball challenge
⇒ Overview of well log porosity, total and effective porosity
⇒ Overview of core permeability (absolute, effective, Klinkenburg corrected and relative permeability) & Basics of net mean stress
⇒ Fundamentals of Petro physical rock types
⇒ Overview and the concept of practical capillary pressure and applications
⇒ Workshop - Capillary pressure analysis
⇒ Saturation distributions from rock types, and capillary pressure data
⇒ What is Win land (Pittman) pore throat radius and why is it important
⇒ Workshop - Win land Plots by Facies & Workshop - Simple core analysis using Win land based method
⇒ Clastic - Facies and Petro physical rock types case studies
⇒ Carbonate - Facies and Petro physical rock type case studies
⇒ Capillary pressure and pore geometry, stress and reservoir performance, petrophysical quick scan analysis & Permeability, relative permeability and wettability
⇒ Archie saturation, cementation, and saturation exponent
⇒ Workshop - Well evaluation with core and log data
⇒ Participant presentations of workshop results
⇒ Introduction to saturation height methods (SHM)
⇒ SHM case studies both clastic and carbonate
⇒ Introduce flow unit concept, analysis and workshop
⇒ Final well analysis workshop - facies, core-log petro physical rock types, flow units and saturation height model Individual and presentations