Training Title

RESERVOIR CHARACTERIZATION

Training Duration

5 days

Training Venue and Dates

Reservoir Characterization	*5*	*18-22 November, 2024*	*$6,500*	*London, UK.*

Trainings will be conducted in any of the 4 or 5- star hotels.

Training Fees

- ***6,500 US$ per participant for Public Training includes Materials/Handouts, tea/coffee breaks, refreshments & Lunch.***

Training Certificate

Prolific Consultants FZE Certificate of Course Completion will be issued to all attendees.

COURSE OVERVIEW

COURSE DESCRIPTION

The modern team approach to Reservoir Characterization describes productive zones more reliably through the integration of disciplines, technology, and data. Increase your proven reserves, discover by-passed pay, reduce development time and costs, improve production rates, and rejuvenate old fields through the skills learned in this course.

The course is process-based and focuses upon:

- ***Understanding the applicability of measurements and interpretations from the participant's discipline to other adjacent disciplines***
- ***Understanding information from other disciplines, and the uncertainties and risks involved in its gathering/interpretation***
- ***Awareness of the latest technologies and working principles evolving on the cutting edge of the industry***
- ***Managing a complex project to solve business problems in the most efficient manner, particularly when working in a difficult environment (multi-disciplinary teams, sponsors and bosses outside your expertise, cross purposes from disciplines)***
- ***Working with both probabilistic and deterministic multiple working hypotheses throughout a hydrocarbon project.***

COURSE OBJECTIVES:

Upon successful completion of this course, the delegates will be able to:

- ***To develop a business proposal for any Reservoir Characterization project***

- ***To apply the concept of correlation length to understand reservoir continuity***
- ***To define hydraulic flow units in a reservoir***
- ***To assess the economics of oil and gas projects across their entire life cycle***
- ***To carry out the integrated Reservoir Characterization process.***

SUITABLE FOR:

Geologists, geophysicists, reservoir engineers, production engineers, Petro physicists, exploration and production managers, team leaders, and research scientists.

TRAINING METHODOLOGY:

A highly interactive combination of lectures and discussion sessions will be managed to maximize the amount and quality of information and knowledge transfer. The sessions will start by raising the most relevant questions, and motivate everybody find the right answers. You will also be encouraged to raise your own questions and to share in the development of the right answers using your own analysis and experiences. Tests of multiple-choice type will be made available on daily basis to examine the effectiveness of delivering the course.
Very useful Course Materials will be given.

COURSE OUTLINE :-

Course Program

Day 1: Introduction to Reservoir Characterization

- *Overview of reservoir engineering*
- *Importance of reservoir characterization*
- *Basic principles and concepts*

Day 2: Geological and Geophysical Methods

- *Geological data acquisition and interpretation*
- *Geophysical techniques for reservoir characterization*
- *Integration of geological and geophysical data*

Day 3: Reservoir Fluid Properties

- *Understanding reservoir fluid behavior*
- *Measurement and analysis of reservoir fluid properties*
- *Impact of fluid properties on reservoir performance*

Day 4: Advanced Technologies in Reservoir Analysis

- *Introduction to simulation models*
- *Application of artificial intelligence in reservoir characterization*
- *Case studies on advanced technologies*

Day 5: Practical Applications and Case Studies

- *Hands-on exercises in reservoir characterization*
- *Real-world case studies in reservoir analysis*
- *Q&A and discussions for practical problem-solving*

Case Studies, Last Day Review, Discussions & Pre & Post Assessments will be carried out.

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