RESERVOIR CHARACTERIZATION

TRAINIT ACADEMY

COURSE TITLE

RESERVOIR CHARACTERIZATION

COURSE DATE/ VENUE

13 – 17 December 2021
London, UK

COURSE REFERENCE

DRPT355

COURSE DURATION

05 days

DISCIPLINE

Drilling, Reservoir & Petroleum Training

COURSE INTRODUCTION

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 OBJECTIVE

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

COURSE AUDIENCE

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

COURSE CONTENT

- Business value drivers and selection criteria

- The scale and resolution of data

- Variograms, correlation length

- Time, rock, and flow units

- Seismic attributes

- Upscaling, streamline simulation

- Decision trees; value of information

- Giving and receiving feedback

- The future of Reservoir Characterization

COURSE CERTIFICATE

TRAINIT ACADEMY will award an internationally recognized certificate(s) for each delegate on completion of training.

COURSE FEES

$6,150 per Delegate. This rate includes participant's manual, Hand-Outs, buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

COURSE METHODOLOGY

The training course will be highly participatory and the course leader will present, guide and facilitate learning, using a range of methods including formal presentation, discussions, sector-specific case studies and exercises. Above all, the course leader will make extensive use of real-life case examples in which he has been personally involved. 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.

- 30% Lectures
- 30% Workshops and work presentation
- 20% Case studies & Practical Exercises
- 10% Role Play
- 10% Videos, Software or Simulators (as applicable) & General Discussions