

# RESERVOIR MANAGEMENT & MONITORING



**DRPT115**  
**Drilling, Reservoir**  
**& Petroleum**  
**Training**

**COURSE TITLE**

**RESERVOIR MANAGEMENT & MONITORING**

**COURSE DATE/ VENUE**

18 – 22 October 2021

London, UK

**COURSE REFERENCE**

DRPT115

**COURSE DURATION**

05 Days

**DISCIPLINE**

Drilling, Reservoir & Petroleum Training

**COURSE INTRODUCTION**

The principles of sound reservoir management are presented with emphasis on practical applications.

Actual case histories are used to study both successes and failures. An interdisciplinary synergistic approach to efficient reservoir management is detailed with the goal of optimized profitability. The significance of each component and the importance of timing and cost/benefit analysis are emphasized.

Reservoir management models for optimum field development and field operating plans are analysed.

The interdisciplinary reservoir management approach shows how each technology or function contributes to the plan and how checks and balances are developed.

**COURSE OBJECTIVE**

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

- ✓ Apply the principles of sound reservoir management.
- ✓ Use the interdisciplinary synergistic approach to efficient reservoir management.
- ✓ Include each reservoir management component and the importance of timing and cost/benefit analysis.
- ✓ Develop checks and balances.

## **COURSE AUDIENCE**

Engineers who are part of the Reservoir Engineering department

## **COURSE CONTENT**

### **DAY 1**

- Definition of reservoir management: an integrated, interdisciplinary team effort
- Goal setting, planning, implementing, monitoring, and evaluating reservoir performance

### **DAY 2**

- Field development and field operating plans to optimize profitability efficient monitoring of reservoir performance
- Minimizing the drilling of unnecessary wells
- Wellbore and surface systems

### **DAY 3**

- Well testing and automated production systems
- Economic impact of operating plans
- Identifying and acquiring critical data, data acquisition, and analysis

### **DAY 4**

- Maximizing economic recovery and minimizing capital investment, risk and operating expenses
- Timing of field implementation of reservoir management plan
- Case histories and analysis

### **DAY 5**

- Importance of reservoir characterization and drilling and operating plans
- Primary recovery, pressure maintenance, and secondary and tertiary recovery

### **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