

Basic Principles of Well Testing

Reservoir

Reference : BPWT-E

Who should attend

This course is especially designed for field operators, geoscientists, petroleum, drilling and production junior engineers who have limited knowledge and experience with well testing.

Instructor

Moncef CHEKIR

Duration

3 days

Location

Monastir

Language

Technical English

Fees/Trainee

1 000 DT



Course Content

1. Review of basic rock & produced fluid properties
2. Review of well performance and production data
3. Well testing
 - What is a well test
 - Objectives of a well test
 - The different types of well test
 - Basic theory
 - Drawdown (BB)/Build up (BU) tests
 - Basic analysis steps for DD & BU steps (Horner plot):
 - Permeability calculation (k)
 - Skin effect calculation (S)
 - Average static reservoir pressure (P*)
 - Well Flow efficiency
 - limit Effects (boundaries)
 - Gas well testing (AOFP)
 - Formation Evaluation (MDT, etc.)
 - Discuss attendee supplied data sets

NB : This training can be delivered in French Language

Moncef CHEKIR

Graduate engineer in Reservoir engineering from the Algerian Petroleum Institute. 30 years experience in Reservoir Engineering, Production and training in Oil and Gas fields.