

Training - Well Test Operation



WELTEST-EN-P



Face-to-face only



5 days

This course provides the required comprehensive knowledge and skills for implementing well tests

Level

Skilled

Public

Drilling and production engineers, supervisors involved in well test operation, reservoir engineers

Objectives

Attendees will be able to implement the following skills:

- understand the purpose of well testing
- distinguish the different perforation methods
- select the required well test equipment
- design an operational well test program with regard to the reservoir engineer's requirements
- supervise the well test operation

Pedagogical & technical resources

- Several practical examples and case studies
- Numerous videos and animations

Assessment of achievements

- Trainees are assessed throughout the training through practical application phases and interactions with the trainer
- A final on-the-spot evaluation may also be carried out at the end of the course and/or at the end of each module using tests designed to verify the learners' understanding and assimilation of the knowledge linked to the training objectives

Prerequisites

No prerequisites are necessary to follow this course

Responsible

IFP Training instructors, with expertise in the field and trained in modern teaching methods adapted to the specific needs of learners from the professional world

Program

WELL TESTING FUNDAMENTALS

0.5 day

Principle and objectives of well testing.
Basic data for predevelopment studies.
Fundamentals of fluid flow in porous media.

DRILL STEM TEST, PERFORATION & WELL TESTING EQUIPMENT REVIEW

2 days

Principle of DST operation.

Principle of perforation operation:

- Perforation methodology.
- Equipment selection versus well configuration and objectives.
- Perforation tools demo (movie).

DST string versus rig types:

- Principle of DST String versus well testing objectives.
- Composition of different DST strings.

Principle of DST String:

- DST String type composition review.
- DST tools demo (movie).

Well testing operation and surface set up:

- Surface equipment and set up.
- Well testing sequences of operation.
- Surface well testing equipment.
- Well testing HSE concept.
- Data acquisition.
- Sampling.
- Well testing calculations.

PROGRAM IMPLEMENTATION, ORGANIZATION & RESPONSIBILITIES, WELL ABANDONMENT, DST IN SUBSEA ENVIRONMENT

2.25 days

DST operations and well test program implementation:

- Standard procedures reviews versus DST string type.
- Running in hole the DST string.
- Brine selection and weight.
- Selection of the ΔP on the formation.
- Operation instructions review.
- Sampling.
- Cases studies.

Organization on board of the rig, roles and responsibility:

- Safety instructions.
- Contingency plan.

Well abandonment after DST operation:

- Well killing operation.
- Well abandonment and safety concerns.

Principle of DST operation in subsea environment:

- Deep water DST operations subsea equipment.
- Deep water DST operations.
- Deep water environment operation impact: wax deposition, paraffin, hydrates.
- Deep water operations contingency plan.
- DST tools demo (movie).

KNOWLEDGE ASSESSMENT

0.25 day

Sessions

Pau - From 04/20/2026 to 04/24/2026

4320 €/HT

To French entities : IFP Training is referenced to DataDock ; you may contact your OPCO about potential funding.
Please contact our disabled persons referent to check the accessibility of this training program : referent.handicap@ifptraining.com