

Training - Well Completion and Servicing



INPF-EN-P



Face-to-face only



5 days

This course provides a comprehensive overview of completion and well intervention operations

Level

Awareness

Public

Engineers and technicians, from operating or service companies, interested but not involved in well completion or servicing: geologists, geophysicists, reservoir engineers, drillers, production and process staff, platform designers, economists, etc

Objectives

Attendees will be able to implement the following skills:

- recognize the connection between reservoir and completion
- distinguish between the main configurations and techniques of completion
- review advantages and issues of various techniques
- understand the techniques & means of well intervention
- communicate efficiently with Oil & Gas service companies and equipment suppliers

Pedagogical & technical resources

- Well control on a simulator
- Equipment and cutaway tools display
- Exercises, role-playing sessions, project and case studies
- Summary notes prepared and presented by the participants

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

NECESSARY FUNDAMENTALS OF RESERVOIR ENGINEERING FOR COMPLETION

0.75 day

Introduction: area concerned by completion, main steps.
 Geological trap, rock properties.
 Fluid behavior.
 Reservoir characterization, well testing.
 Recovery mechanisms.

NECESSARY FUNDAMENTALS OF DRILLING FOR COMPLETION 0.25 day

Drilling and casing program, casing cementing.
 Wellhead and safety equipment (BOP).

INTRODUCTION TO COMPLETION 0.5 day

Concerned area, main steps (for memory).
 Main factors influencing completion design.
 Completion configurations: requirement, main configurations.

WELL PRODUCTIVITY & RESERVOIR-WELLBORE INTERFACE (PART 1) 0.75 day

Overall approach of the well flow capacity:

- Inflow and outflow performance.
- Need for artificial lift.

Drilling (and casing) of the pay zone: specific aspects.
 Problems linked to restoring the cement job.
 Perforating: principle, main methods.

EQUIPMENT OF NATURALLY FLOWING WELLS 1 day

Functions to be carried out and corresponding pieces of equipment, main configurations of production string(s).
 Technology and handling of main pieces of equipment: production wellhead, tubing, packer, downhole devices, subsurface safety valve.
 Running in hole procedure.
 Present trends: full-bore..., intelligent completion.

RESERVOIR-WELLBORE INTERFACE (PART 2) 0.5 day

Stimulation: acidizing, hydraulic fracturing.
 Sand control.
 Horizontal drain specificity: interest, reservoir-wellbore interface.

ARTIFICIAL LIFT 0.5 day

Sucker rod pumping and electrical submersible pumping: principle, main components, factor to consider for design, operating problems.
 Continuous gas lift: principle, factors to consider for design, unloading, operating problems.
 Field of application.

WELL SERVICING & WORKOVER 0.5 day

Main jobs: measurement, maintenance, workover.
 Operations on live wells: wireline, coiled tubing, snubbing.
 Operations on killed wells: workover.

KNOWLEDGE ASSESSMENT 0.25 day

Sessions

Rueil-Malmaison - From 11/23/2026 to 11/27/2026

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