

ADVANCED CEMENTING PRACTICES

DRILLING - COMPLETION -
WELL CONTROL
Fluids

E-434

OBJECTIVES

To deepen and develop the acquired basic knowledge on cementing.

On completion of the course, the participants:

- know in details the different cementing techniques,
- know the following special cases: liner, highly deviated wells, gas zones problems,
- are able to design a full cementing program for a real classic case.

COURSE CONTENT

TECHNIQUES AND JOB PROCEDURES

1.5 days

Cementing program

Cement job design:

- casing running
- fluids and mud removal
- cementing calculations
- surface, primary and multistage cementing
- cement plugs

Cementing job simulation

Computer exercises

CEMENT AND SLURRIES

1 day

Cement chemistry

Special cement system and additives

Slurry design methodology

Rheology

Displacement in eccentric annulus

Salt zone and temperature problems

SPECIAL CASES

0.5 day

Gas zone cementing

Deviated and horizontal wells cementing

Remedial techniques

CEMENTING PROJECT

1 day

CONTROL OF THE CEMENTING JOB

1 day

Principles and interpretation:

- thermometry
- sonic (CBL - VDL)
- ultrasonic (CET USIT)

Logs analysis

▲ Who should attend?

Supervisors and engineers involved in drilling and completion and wishing to improve their knowledge on the subject.

▲ Duration

5 days

▲ Dates & Location

September 14-18, 2009
Pau (South-West)

French session: F-434

▲ Registration

Fees: € 1,920

Contact:

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▲ Course Coordinator

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Ref. **FLU / CIM2E**

