

E-180

▲ Who should attend?

Well site witnesses,
Production engineers and supervisors, drilling and work over engineers and supervisors, Well site geologists.
No initial background is required.

▲ Duration

5 days

▲ Sessions in English

June 21-25, 2010
Rueil-Malmaison (Paris)

October 25-29, 2010
Rueil-Malmaison (Paris)

French sessions: F-180

▲ Registration

Fees: € 2,000

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▲ Course Coordinator

Jacques DELALEX

Ref. LOG / LOGPROD

CASED HOLE WELL LOGGING AND INTERPRETATION

COURSE OBJECTIVES

The scope of the course is to offer a comprehensive view on the Cased Hole Logging technologies and to introduce the industry's best practices and procedures.

Upon completion of the course, participants will be able to:

- to evaluate the quality of the cement,
- to determine the characteristics of the formation behind casing,
- to carry out a quick interpretation of production logs.

COURSE CONTENT

CEMENT EVALUATION

1 day

Acoustic measurements (CBL - VDL)

Ultrasonic measurements

Other logs (Temperature, etc)

CORROSION EVALUATION OF CASING AND TUBING

0.5 day

Origins of the corrosion process in the wells

Corrosion evaluation:

- Multi Arms Caliper: theory of operation and interpretation
- Electromagnetic and potential measurements
- Ultrasonic logging
- Down hole video

FORMATION EVALUATION IN CASED HOLES

0.5 day

Introduction to logs for cased hole formation evaluation

Pulsed Neutron capture logs

- Thermal decay time log
- Thermal absorption log
- Reservoir Saturation Tool

Other logs (Resistivity, etc.)

PRODUCTION LOGGING

3 days

Main characteristics (PVT) of the reservoir fluids (oil and gas)

Production log record

Determination of the fluid velocities and the fluid densities in the well

Pressure and temperature measurements

Flow characterization and modeling

Production log interpretation

Flow Scan Imager

Production log interpretation parameters will be optimized and the results visualized by the lecturer with the help of an interpretation software.