

# EXPLORATION - PRODUCTION OVERVIEW

## OBJECTIVES

Discovery of the bases and vocabulary of the Exploration and Production techniques (geology, geophysics, reservoir Engineering, Drilling and well completion, Surface Facilities and Production onshore and offshore).

## COURSE CONTENT

### INTRODUCTION 0.25 day

What is Exploration - Production  
Rocks and Sedimentary Basins - From Hydrocarbons to Reservoir

### EXPLORER TOOL: GEOLOGY - GEOPHYSICS 1.0 day

Explorer Tool - Geology: Surface Geology, Well Site Geology, Logging  
*Movies*  
Explorer Tool - Geophysics: Principles - Acquisition - Processing  
*Movies*  
2D and 3D Seismic Interpretation

### RESERVOIR ENGINEERING 0.5 day

What is a reservoir? how to define Reserves and measure them?  
Information on reservoir simulation and monitoring

### DRILLING AND COMPLETION 0.5 day

Drilling for Oil and Gas: well design, rigs, operation  
Downhole Production - Completion  
*Movies*

### PRODUCTION 0.5 day

Introduction to process engineering and design facilities  
Land Production  
Offshore Production  
*Movies*

### FUTURE 0.25 day

The new Technical Challenges for the Oil and Gas Exploration and Production industry  
*Movies*

E- 001

#### ▲ Who should attend?

Anyone working in or close to the Oil and gas industry whose activity (either commercial, legal financial or human resources) is in some way connected to one of the aspect of the oil and gas upstream activity.

#### ▲ Duration

**3 days**

#### ▲ Dates & Location

**May 13 to 15, 2008**  
**November 18 to 20, 2008**  
Rueil-Malmaison (Paris)

#### ▲ Tuition Fees

€ 1,340

#### ▲ Course Coordinator

**Eric FAGOT**

Ref. **GEO / OVERVIEW**

May be organized for a single company in French.