



**PVT Analysis—Principles & Application in
Reservoir Management
PEP11**



**Oil & Gas
Consultancy Services & Technical Training Providers**

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PVT Analysis—Principles & Application in Reservoir Management (PEP11)

Course Description:

This course is designed for oil and gas professionals with a working knowledge of PVT. It addresses the application of the results of PVT analysis and correlations, highlighting the input parameters for reservoir fluid flow simulation.

At the end of the program, participants should be familiar with the application of fluid properties, PVT analysis and the applications in reservoir engineering.

Course Contents:

- Reservoir types and Reservoir fluid classifications
- Fundamentals of reservoir fluid compositions
- Reservoir fluid properties, phases and behaviours
- Effect of composition of fluid behaviour
- Basic Equations of state and flash calculations
- C+7 reservoir characterisation
- Overview of PVT tests and applications
- PVT experiments
- Required input parameters for reservoir simulation
- Reservoir fluid characterisation and applications in reservoir simulations
- Equations of state, tuning, input parameter requirements
- PVT properties using black oil correlations
- Required input parameters for reservoir simulation

Who Should Attend?

- Reservoir and Production engineers, PVT lab technicians and engineers
- Oil & gas professionals - Geophysicists, engineers, petroleum engineers

Venue:

Please visit our website or contact us for details.

Tuition:

£2,950+VAT

5 day program

5 easy ways to
register or to
make an enquiry:

1.Web

www.petroconsultenergy.co.uk

2.Email

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