



## **Sand Control & Management in Oil & Gas Production PEP07**



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

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# **Sand Control & Management in Oil & Gas Production**

## **PEP07**

### **Course Description:**

Unconsolidated reservoirs are prone to increased sand production, and ultimately a loss of hydrocarbon production. This problem calls for an understanding of the reservoir zone's flow properties and geo-mechanics - allowing for controlled formation damage and improved sand production control.

This training program aims to address the causes of sand production and the various applicable sand control techniques, sand production prediction and mitigation within the well.

As produced sand cannot be avoided, the second part of this course will address the management of produced sand, discussing subjects such as prediction and equipment selection.

At the end of this five day program, participants should understand factors that cause and affect sand production, and understand necessary prerequisites for efficient sand production management within and outside the wellbore.

### **Course Content:**

#### PART 1

- Formation Damage
- Effect of Geomechanics on well performance and sand production
- Oil & Gas Production Process Overview
- Causes & Effects of Sand Production
- Prediction of Sand Production
- Methods of Sand Control
  - Production Rate Control and Management – using the sand-production threshold and erosional limits handling of produced sand at surface
  - Screening Completions – horizontal wells, expandable screens,
  - Frack Packs
  - Gravel Pack Completions
- Sand Production in Horizontal Wells
  - Completions

## PART 2

- Overview and importance of Sand Production Management
- Sand Production Prediction:
  - The Critical Types of Required Data & Parameters for Effective Prediction.
  - Prediction Methods
- Sand Control Equipments:
  - Equipments selection and design
  - Equipments specifications

**Who Should Attend?**

This course is designed for on-the-job technical production staff, production programming & production management staff and reservoir management staff. Those having responsibility for Well Completion should certainly also benefit from this course.

**Venue:**

Venue and Date, open to discussion / change upon interest and commitment of 8 or more persons.

**Tuition:**

£3,950 +VAT

5 easy ways to  
register or to  
make an enquiry:

1.Web

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