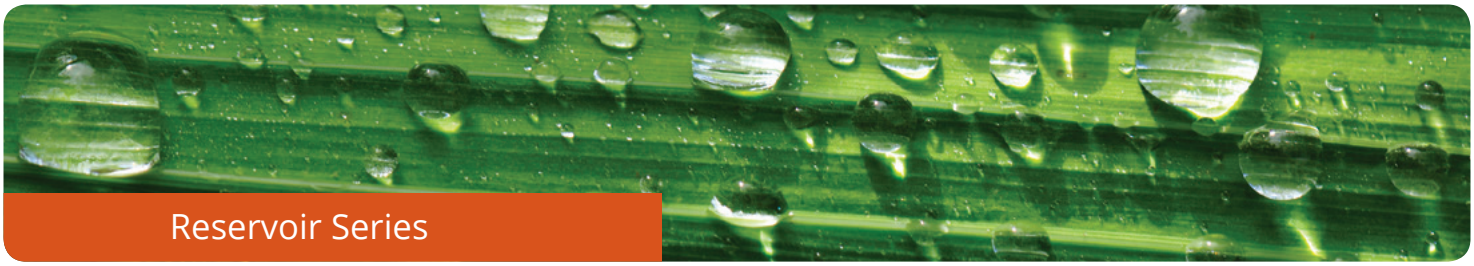


Reservoir Series

Core Description

Designed for:
This course is for personnel up to 10 years experience, working as technical professionals in the exploration and production business from the geosciences, reservoir engineering, drilling engineering, petrophysics and petroleum engineering disciplines.

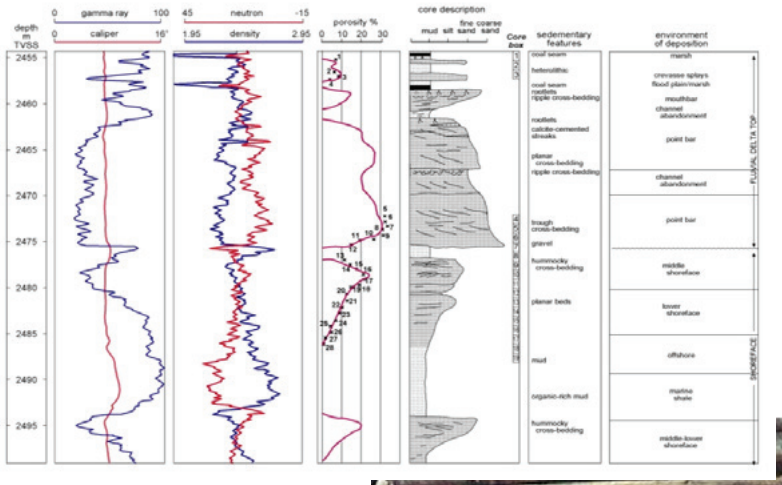
Duration
(days)
1 2 3

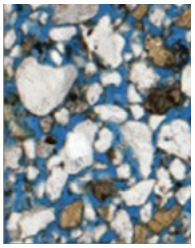
Learning Level:
Skills
Knowledge
Awareness

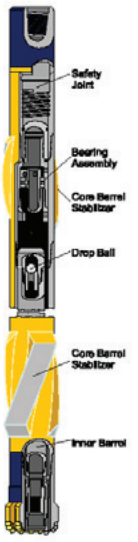
The course teaches participants how and why core material is acquired in wells, presented in a logical order from interval selection, through well-site acquisition, to core description, analysis and interpretation.

Emphasis is placed on the need for an integrated multidisciplinary approach at all stages of the process if maximum value is to be gained from this expensive, but vital technical data.

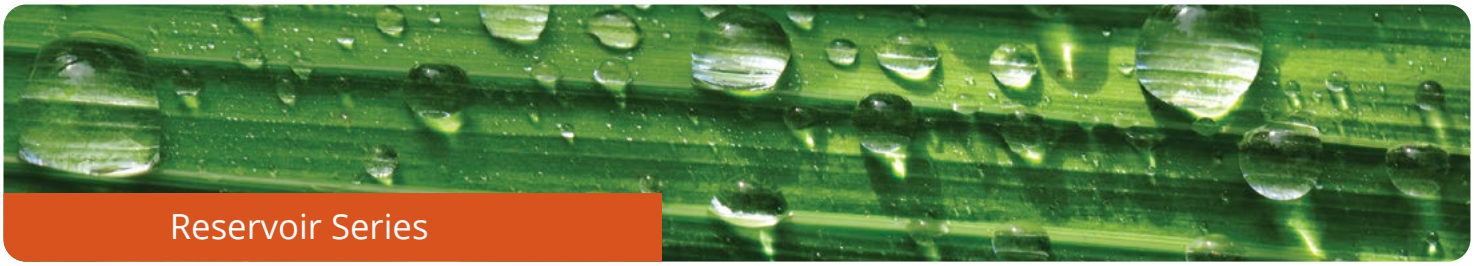
There is also optional provision for direct viewing of core material, as well as visiting core laboratories.







Early Development
E&P Overview
Reservoir
Wells
Business & Risk
Open Air
Coaching
Master Class



Reservoir Series

Core Description continued

Course Content:

- Selecting intervals for coring
- Cutting core at the wellsite
- Core handling and depth matching
- Calibrating log data with core
- Core description - how to do it what to look for
- Interpreting sedimentary features and depositional environments from core
- Measuring properties from core: I. Conventional Core Analysis (CCA)
- Measuring properties from core: II. Special Core Analysis (SCAL)
- Thin sections and SEM
- Special coring procedures (oriented, preserved cores, pressurised cores)
- Making the most of core to assess and reduce uncertainty
- Value of coring

Course Duration:

Duration is 3 days.

Courses available from this series:

Basic Geoscience
Introduction to Geophysics
Geological Application of Well Logs
Openhole Petrophysical Interpretation
Core Description
Production Geology
Applied Production Geology
Reservoir Model Design
Fractured Reservoir Characterisation
Geology for Drilling Engineers
Reservoir Engineering
Applied Reservoir Engineering
Well Test Design & Analysis
Logging While Drilling
Basin Analysis
Geomechanics

Course Tutors

Jenny Garnham PhD
Main Series tutoring: Reservoir, Open Air
Industry experience: over 20 years, petrophysics
Career background: Enterprise Oil, AGR and TRACS
Personal: Technical author, SPWLA active member, PESGB/SPE

Mark Bramwell BSc, PhD
Main Series tutoring: Reservoir, Early Development, E&P Overview, Open Air
Industry experience: over 25 years, geoscience
Career background: Shell, KUFPEC, AGR and TRACS
Personal: Programme manager for Early Development Series

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