Basic Petroleum Engineering Practices

OVERVIEW
This course is far more than an introduction to petroleum engineering and certainly is not a superficial presentation of the technology of the industry. Its purpose is to develop an understanding of the technology and its applications at an engineer's level, and the confidence and professional enthusiasm which comes with that understanding. The course has had a revolutionary effect on training programs for many major oil and service companies by making specialized training that follows far more effective. Participants enter those specialized programs with a depth of understanding of that particular technology and relation to other classic and new technologies of the industry. The course focuses on the field and application approach, and includes classroom exercises, fundamental engineering problems, and basic field exercises.

TARGET AUDIENCE
Engineers, engineering trainees, technical managers and assistants, technicians, geologists, geophysicists, chemists, physicists, service company personnel, sales representatives, and data processing personnel

BENEFITS OF ATTENDING
• Basic petroleum geology
• Reservoir fluid and rock properties
• Fundamentals of reservoir fluid flow
• Oil and gas reservoir classification, definition, delineation and development
• Unconventional gas (“tight shale” gas)
• Fundamentals of drilling, well completion, and production operations
• Basics of casing design and primary cementing
• Primary and enhanced recovery mechanisms
• Surface operations

COURSE CONTENTS
• Reservoir fluid properties
• Petroleum geology

• Reservoir properties and evaluation
• Unconventional gas (“tight shale” gas)
• Exploration technology
• Drilling engineering
• Well completion, stimulation and workover
• Well testing and formation damage
• Production operations
• Recovery methods
• Surface processing

Training Methodology & ASSESSMENT
Theoretical 30%
Practical 70%

COURSE DURATION
5 days (30 hours, 6 hours per day, mornings)
Or: 8 days, 4 pm - 8 pm

COURSE FEES
Group Costing

<table>
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<tr>
<th>No. of trainees</th>
<th>1 - 5</th>
<th>6 - 10</th>
<th>11 - 15</th>
<th>16 - 20</th>
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<tbody>
<tr>
<td>Fees / trainee</td>
<td>900</td>
<td>365</td>
<td>250</td>
<td>200</td>
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FURTHER INFORMATION
For further information or to book onto the course please contact us on:
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