

Integrated Gas Reservoir Management



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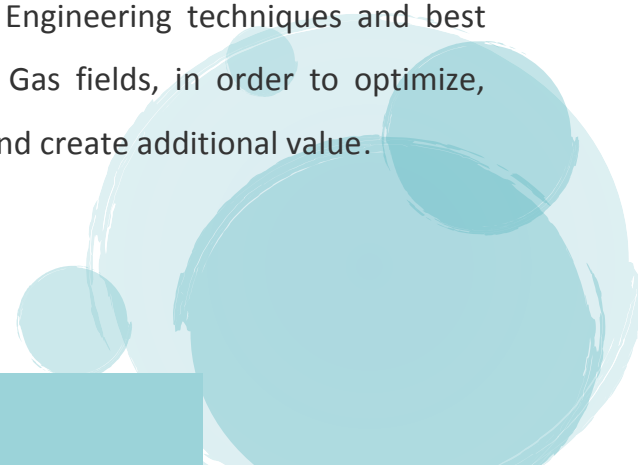
Introduction:

The technical management of strategic natural resources such as Gas reservoirs is a challenging responsibility. This is achieved in this training by learning the establishment of effective multidisciplinary teams of Production Strategy in managing Gas Reservoirs at Exploration, Development and Production stages.

The Integrated Gas Reservoir Management training is designed primarily for those professionals whose responsibilities during their career will include any of these essential phases of Gas Reservoir Management.

Objectives:

By the end of this course delegates will be able to:


- To develop an understanding of the Fundamentals of Reservoir Engineering, from Geology to Hydrocarbon Recovery.
 - To promote, on an international basis, Reservoir Engineering techniques and best practices relating to the Development of Oil and Gas fields, in order to optimize, technically and economically, Company Resources and create additional value.
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- To provide experts in Hydrocarbons Resources Management the opportunity to practice other disciplines within an international team and develop professionals capable of leading multidisciplinary teams in Reservoir Development, Operations and Planning.
- To provide an exposure to a range of Gas Reservoir conditions through various case studies.

Who should attend?

Geologists, Geophysicists, Petrophysicists, Stratigraphers, Geochemists, Reservoir, Petroleum, Wellsite Geologists, Petroleum Engineers, Drilling Engineers, Reservoir Engineers, Production Engineers, Operations Engineers, Technologists, Log Analysts, E&P Personnel, Exploration & Development Personnel, Surveillance Engineers, Geologists, Reservoir Engineers, Seismic Interpreters, E&P Managers, Data Management and Oil & Gas Personnel.

Course Outline:

- Geology for Gas Reservoirs
 - Geophysics Application in Gas Reservoirs
 - New technology in Geophysics (Acquisitions Systems & Interpretation New methods)
 - Petrophysics
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- Well logging for Gas Reservoirs
- New Technology in Petrophysics
- Well Logging and Formation Testers
- New Technology
- Case Studies in Geophysics
- Well logging and Formation Tests

- New Technology in Rock Properties Lab Measurements (GeoMechanics)
 - Gas PVT and Fluid Types
 - New Technology in Lab Measurement and Sample Collections
 - Drive Mechanisms for Gas Reservoirs
 - Determining Gas Reserves& Definitions
 - Gas Volumes and Material Balance
 - Calculations & International Standards for booking reserves applications of Geomechanics
 - Drilling Gas Wells
 - Overview of Drilling Gas Wells
 - New Technology in Drilling Gas wells
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Best Technology Solutions (BTS)



- Horizontal Wells and Deviated Wells
- New Geo-Steering/Well Placement Technology
- Real-time Applications
- New Technology in Production Surveillance Methods
- Production Logging New Technology