



Course RM7: Shale Oil/gas Development

With the advent of multi-stage hydraulic fractures in exploiting tight shale resources, a new oil and gas boom is spreading in most countries. This course is designed to give an overview of the geological and engineering considerations in developing such resources.

Contents:

- Subsurface Considerations (including drilling and completion methods)
- Surface Considerations (pad spacing, water impacts and HSEC)
- Production Management & Analysis
- Reservoir Characterization (Geochemistry, geomechanics, natural fractures)
- Data Acquisition, Management & Surveillance
- Production Forecasting
- Technology, Managed Continuous Improvement & Optimization