



M. A. MIAN, P.E.

Mian has **40 years** of diversified experience in petroleum engineering, reservoir engineering, project economics and decision analysis. He had been involved in evaluating multi-billion-dollar oil and gas field development, LNG, GTL, Aluminum smelter, refinery, petrochemical, power and production sharing projects. He has extensive experience in Economics & Financial Management, Total Quality Management and Operational Excellence.

Mian has worked as a Sr. Petroleum Engineering Consultant with Saudi Aramco – 17 years, Head of QP Operations & Planning with Qatar Petroleum – 13 years, ZADCO (Abu Dhabi, UAE), Euratex Corporation (Colorado, USA), Keplinger & Associates (International Energy

Consultants in Colorado, USA), and as Independent Consultant in Colorado, USA. He is a registered professional Engineer in the state of Colorado, USA.

Mian is the author of **SIX** books

1. Petroleum Engineering Handbook for the Practicing Engineer, Vol. I and Vol. II, PennWell Books, Tulsa, Oklahoma, USA
2. Project Economics and Decision Analysis, Vol. I and Vol. II, PennWell Books, Tulsa, Oklahoma, USA
3. Tips & Tricks for Excel Based Financial Modeling, Vol. 1 & II, Business Expert Press, New York

He has also authored several papers in the Oil & Gas Journal, The Log Analyst, World Oil, SPE Journals, and Oil & Gas Financial Journal. He has also presented papers at SPE Technical Conferences and Exhibitions.

Mian is one of the pioneers in working with unconventional gas resources. He has extensively dealt with reserves evaluation and economics of tight gas and coalbed methane. Currently he is involved in applying his experience to shale gas resources. He has also served as an expert witness in US Federal court and Energy Commission hearings regarding tight gas pricing classification in the US.

He has delivered lectures in more than 25 countries around the globe. He has always received excellent feedback, as an expert presenter, from the participants of his courses.

EDUCATION

- B.Sc Mechanical Engineering
- M.Sc Petroleum Engineering, Colorado School of Mines, Golden, CO, USA
- M.Sc Mineral Economics, Colorado School of Mines, Golden, CO, USA

PORTFOLIO OF COURSES

- 5-Day – Project Economics, Risk & Decision Analysis
- 5-Day – Designing Efficient Oil & Gas Fiscal Systems
- 3 Day – Advanced Project Economics, Risk & Decision Analysis
- 3-Day – Economics of Production Sharing Agreements
- 3-Day – Development & Economics of Unconventional Resources
- 3-Day – Fundamentals of Oil & Gas
- 3-Day – Decline Curve Analysis, Diagnostic Methods and Performance Forecasting

PUBLICATIONS

- Application of Stochastic Analysis in Project Economics
- Unnecessary and Avoidable Mistakes in Financial Calculations
- Comparison of Methods used to Calculate Netback Value
- Revisiting the Pitfalls and Misuse of WACC
- Custom Graphs Help Analyze Oil, Gas Operations
- Spreadsheet Programming Simplifies Drilling Calculations
- Program Quickly Solves Trial-and-Error Problems
- Creating Quality, Cost Effective Property Reports
- Predicting the Performance of Tight Gas Reservoirs

COURSES DELIVERED IN

United Kingdom, Italy, Czech Republic, Norway, Sydney, Perth, Adelaide, Brisbane, New Zealand, Singapore, Malaysia, Hong Kong, Pakistan, South Korea, Kazakhstan, UAE, Kuwait, Qatar, Saudi Arabia, Bahrain, Bolivia, Brazil, Canada, Angola, Nigeria, Ghana, Mozambique, Algeria, Iran & South Africa.

