

Coalbed Methane Reservoir Analysis

0.8 CEUs (Continuing Education Units) awarded for this 1-day course.

Instructor

John Wright, Questa Engineering

Intended Audience

This course is intended for Petroleum engineers, geologists, geophysicists, investors, managers, government officials, planners and technical support staff wanting an understanding of the fundamentals for modeling coalbed methane wells. Participants are expected to have experience using reservoir simulators to solve problems and to be comfortable with spreadsheets. No previous knowledge of the subject is assumed.

Description

This one-day, hands on course is for individuals who are actively involved in modeling coalbed methane wells. It can also be valuable for managers who wish to understand the process and limitations of CBM reservoir modeling. The course will include a copy of Roxar's MORE CBM Simulator, sample input files, and real world examples and problems.

Topics Covered

- ◆ CBM Basics
- ◆ Estimating Permeability and Porosity from Production Data
- ◆ CBM Well Tests
- ◆ Gas in Place Estimation
- ◆ Example Problems
- ◆ Conducting a History Match
- ◆ Major & Minor Drivers
- ◆ Identifying Barriers
- ◆ Preparing Forecasts
- ◆ Alternative Development Plans

About the Instructor

Dr. John Wright, PhD, P.E. is President of Questa Engineering Corporation in Golden, Colorado, and has more than 35 years of domestic and international oil and gas experience in reservoir engineering, property evaluation, and field development including coal bed methane development. He has worked for a major oil company, consulted throughout the world, taught Petroleum Engineering at the Colorado School of Mines, drilled oil and gas wells with his own money, testified as an expert in several lawsuits, co-authored a book on Oil Property Evaluation and taught numerous short courses. John is active in a number of professional societies and is a registered professional engineer in 3 states. He is a member of SPE and serves as a member of the board of directors of Norwest Corporation and of the Society of Petroleum Evaluation Engineers.