

Reservoir Aspects of Horizontal and Multilateral Wells

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

Instructor

Sada Joshi, Joshi Technologies Int'l., Inc.

Intended Audience

This course is intended for reservoir, production, drilling, and completion engineers, managers, and other personnel who are interested in learning about reservoir selection aspects of horizontal wells.

Description

The course includes discussion on practical issues and reservoir parameters of horizontal well projects. The topics include formation damage, drainage areas, well spacing, well reserves, and rate calculations using steady and pseudosteady-state methods. The course also includes discussion on several field case histories and performance analysis of horizontal wells.

Topics Covered

- ◆ Drilling Methods and Costs
- ◆ Formation Damage
- ◆ Well Spacing and Drainage Areas
- ◆ Well Spacing in Areally Anisotropic Reservoirs
- ◆ Recovery Factors
- ◆ Steady-State Solutions
- ◆ Multilateral Well Productivities
- ◆ Water and Gas Coning
- ◆ Case Histories: Coning Applications
- ◆ Fractured Horizontal Wells
- ◆ Production Forecasting
- ◆ Enhanced Oil Recovery (EOR) Applications
- ◆ Pressure Drop in Horizontal Wells

About the Instructor

Sada Joshi is President of Joshi Technologies International, Inc. He has more than 24 years' of experience in horizontal wells and has been advisor to more than 180 field projects around the world. He has written many technical papers and a book entitled **Horizontal Well Technology**.