

Course Outline

Well Completions and Workovers

By
William K. Ott, P.E.

This 5-day course provides a comprehensive theoretical and practical knowledge of well completions and workovers. Emphasis will be placed on the practical reasons for the need to perform completions and recompletions and workovers during the life of a producing well.

The course will cover areas needed to understand completions and workovers as a production management tool to make decisions related to the types of completions and workovers including different methods of stimulating a reservoir and or providing remedial cementing operations.

To solve your complex well completion problems, attendees are encouraged to bring the problems for analysis and discussion in the class or in private. A detailed course manual will be provided as part of the hand-out, which is an excellent reference.

Here are the benefits of attending this course:

- Learn to develop a high-level completion strategy for oil and gas wells in a variety of situations
- Identify key completion design considerations for vertical, deviated, horizontal, multilateral, HPHT, and unconventional resource wells
- Select an appropriate intervention strategy
- Assess concerns and adapt measures to mitigate formation damage
- Gain an understanding of nuances relating to well stimulation techniques and sand control approaches
- Learn to develop overall strategies for completion and workover programs

Course Content

Day 1:

- Well Completion Objectives and Design
- Well Construction Interfaces
- Well Performance Concepts
- Well Completion Equipment

Day 2:

- Well Completion Equipment continued
- Perforating
- Complex Trajectory Wells
- Specialized/Advanced Completions

Day 3:

- Formation Damage
- Well Servicing Fluids
- Well Stimulation – Acidizing and Hydraulic Fracturing

Day 4:

- Sand Production and Its Mitigation
- Well Problems
- Workover Planning

Day 5:

- Well Remediation Operations
- Completion & Workover Rigs
- Questions & General Review
- Final Assessment

Who Should Attend

This course is recommended for any oil and gas personnel who are concerned and involved with well completions and workovers, production performance and optimization such as:

- Well completion and workovers engineers and supervisors
- Production engineers and supervisors in both the service and operating sectors
- Petroleum and reservoir engineers
- Drilling engineers and supervisors

Your Course Instructor

William K. (Bill) Ott, P.E. is a co-author of World Oil's Modern Sandface Completion Practices Handbook and Downhole Remediation Handbook, and an expert on sand control techniques and revitalizing mature wells.

He is a petroleum consultant based in Houston and the founder of Well Completion Technology, an international petroleum consulting and training firm that was established in 1986. Before consulting Mr. Ott was division engineer for Halliburton's Far East region and a research field coordinator for Halliburton in Duncan, Oklahoma.

Mr. Ott received his BS in Chemical Engineering from the University of Missouri and is registered professional engineer in Texas. He conducts petroleum courses worldwide and has written numerous technical papers on well completions and workovers.



To enroll or get more information, please contact

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