



Acidizing Applications in Sandstones and Carbonates - ASC

COURSE

About the Course

Although acidizing is the oldest method of well stimulation, it is often applied with mixed results. It remains, however, a valuable tool for improving well productivity. The key to acidizing success is in the understanding of how it works, the optimum conditions for its application, and proper evaluation of well response after the acidizing treatment. The instructor will present many of the practical aspects of acidizing applications and help provide a better understanding of acidizing as a tool for enhancing well performance.

"Excellent guidelines and rules of thumb that a young engineer can take and apply." - Production Engineer, United States

"Topics are informative and useful, including sandstone acidizing, acid fracturing, additives, etc. I appreciated [instructor's] clarification of [participants'] questions from previous day." - Senior Research Engineer, United States

Target Audience

Engineers and other personnel involved with the daily operation and management of producing oil and gas wells; production engineers and reservoir engineers involved with well stimulation applications would also benefit from attending this course

You Will Learn

Participants will learn how to:

- Assess a well's need for acid stimulation
- Recognize the strengths and limitations of acidizing for stimulation purposes
- Investigate production problems from the standpoint of damage removal and improvement in well production
- Apply acid treatments strategically to improve success
- Approach acidizing applications from a practical viewpoint
- Recognize opportunities for enhancement of acidizing treatments using non-acid fluids

Course Content

- Well stimulation objectives
- Types of formation damage
- Influence of skin factor
- Production improvement with skin removal
- Well stimulation and reservoir management
- Perforating techniques and well stimulation
- Acidizing for well stimulation
- Chemistry of sandstone acidizing
- Chemistry of carbonate acidizing
- Acid additives
- Treatment diversion
- Acid fracturing
- Rules of thumb
- Types of acids
- Sandstone acidizing guidelines
- Carbonate acidizing guidelines
- Re-stimulation of acidized wells
- QA/QC in acidizing applications
- Safety precautions

Product Details

Categories: [Upstream](#)

Disciplines: [Production and Completions Engineering](#)

Levels: [Intermediate](#)

Product Type: [Course](#)

Formats Available: [In-Classroom](#) [Virtual](#)

Instructors: [PetroSkills Specialist](#) [Steve Metcalf](#)