

Course Title

Acid Stimulation , Formation Damage Removal

Credit Hours

25 H

Venue

Dubai - UAE

Date

15th – 19th September , 2024

Objectives

- To provide reasonable procedures and guidelines and to offer cautions suggested by particular formation compositions and reservoir conditions. At the end of the course delegates will learn about the many processes involved in acid stimulation operations, about acidizing equipment and how to plan and execute an acid job.

The Delegates

- Drilling, completion, workover and production engineers and managers.
- Reservoir and geology engineers, field maintenance supervisors and operators.
- Service companies and equipment manufacturing engineers.
- Safety engineers and personnel selected by their companies for attending special training courses.

Contents

- **Basic Acidizing Treatments**
- **Purposes/Applications**
- **Effects of Acidizing: Undamaged Well**
- **Selecting Successful Acidizing Candidates**
- **Production History Plots**
- **Offset Well Comparison**
- **Pressure Buildup Tests**
- **Formation Damage Diagnosis**
- **Identify Extent/Type of Damage**
- **Damage Removal by Chemical Solvents**
- **Formation Response to Acid**
- **Formation Properties :**
 - Formation Fluid Compatibility
 - Sulfate Ion Content
 - Bicarbonate Ion Content
 - Crude-Oil Incompatibility (Sludge and Asphaltenes)
 - Hydrogen Sulfide
- **Formation Matrix Properties**
- **Formation Mineralogy**
- **Methods of Controlling Precipitates :**
 - Preflush
 - Treatment
 - Postflush or Overflush
- **Acid Treatment Design**
- **Matrix Acidizing Design Guidelines**
- **Acid Type and Concentration**
- **Retarded HF Acids**
- **Geochemical Models**
- **Acid Placement and Coverage**
- **Mechanical Techniques :**
 - Opposed Cup Packer or Perforation Wash Tool
 - Squeeze Packer and Retrievable Bridge Plug
 - Ball Sealers

- **Particulates :**
 - Pregravel-Pack Acid Treatments
 - Soluble Particulate Diverters
- **Viscous Acid :**
 - Concentric Tubing
- **Advances in Acid Diversion**
- **Horizontal Wells**
- **Acid Additives**
- **Job Supervision**
- **Safety and Environment Protection :**
 - Safety
 - Environment Protection
- **Well Preparation :**
 - Borehole Cleanout
 - Acid Cleaning Tubing
- **Quality Control :**
 - Injection Testing
 - Sampling and Titration
 - Injection-Rate Control and Monitoring
- **Pressure Behavior During Acid Injection**
- **On-Site Evaluation of Acid Treatment Effectiveness**
- **Spent Acid Production Control**
- **Produced Fluid Sampling**
- **Evaluation of Acid Treatments**
- **Continuous Improvement**
- **Summary**

Discount	Language	Fees
10% in case of Three P. (or more)	English & Arabic	5000 USD
Timetable	How to Register ?	Other Dates
09:00 Am : 11:00 Am (1 st Section) 11:00 Am : 11:15 Am (Break 1) 11:15 Am : 12:45 Pm (2 nd Section) 12:45 Pm : 01:00 Pm (Break 2) 01:00 Pm : 02:00 Pm (3 rd Section)	www.titlehr.com Info@titlehr.com Tell 00971559687070	10 – 14 November , 2024