

Course Name

GC8. Formation Damage Prevention and Removal

Duration

Five (5) days

Objectives

This course is designed to provide the participants with a key understanding of common formation damage problems. The participants will learn the basic causes and mechanisms of formation damage and techniques used to diagnose, prevent and remove formation damage in all phases of reservoir development.

Content

- Introduction
- Types of Formation Damage
- Skin and Well Flow Efficiency
- Reservoir Rock Composition and Mineralogy
- Formation Damage Mechanisms
- Economic implications of Formation Damage
- Diagnosis of Formation Damage
- Preventive and Corrective Measures

Prerequisites

Basic knowledge of drilling, drilling fluids and well construction.

Audience

Drilling and drilling fluid engineers, superintendents and supervisors, and all professionals involved in well planning and operation.