



Waterflood Reservoir Heterogeneity Effects Fundamentals

MODULE

About the Skill Module

In this skill module, we use models to demonstrate how heterogeneity and anisotropy complicate our understanding of how water displaces oil in the reservoir.



[See demo online learning module](#)

Target Audience

Reservoir, production, facilities, and operations engineers who are involved with some aspects of a new or existing waterflood project; geoscientists and professionals who want to get a better feel for the entire process of planning, development, management, and recovery optimization of a waterflood project.

You Will Learn

Participants will learn how to:

- Explain why shale continuity is critical to predicting waterflood performance
- Describe how dipping reservoirs behave differently under waterflooding
- Describe how reservoir anisotropy controls waterflood performance
- Explain why reservoir continuity is critical to predicting waterflood performance
- Describe how natural and hydraulic fractures affect waterflood performance
- Explain how reservoir heterogeneity can be measured and compared

Product Details

Categories: Upstream

Disciplines: Reservoir Engineering

Levels: Foundation

Product Type: Individual Skill Module

Format: On-Demand

Duration: 4.5 hours (approx.)

\$795.00