

CONVENTIONAL WATERFLOOD & WATER INJECTION

Optimized Water Injection Solutions for Maintaining Reservoir Pressure

Delivering a consistent water specification throughout the life of a waterflood is essential to avoid significant operational challenges, such as oxygen corrosion, biofouling, microbial induced corrosion, injectivity problems, reservoir souring, and scaling.

Solids, particulates, dissolved salts, and oxygen in seawater create significant challenges in topside facilities, injection and production wells, piping, and risers, and can impact the reservoir formation itself. If not appropriately addressed, these challenges can adversely affect operations and production.

THE WATER STANDARD SOLUTION SUPPORTS:

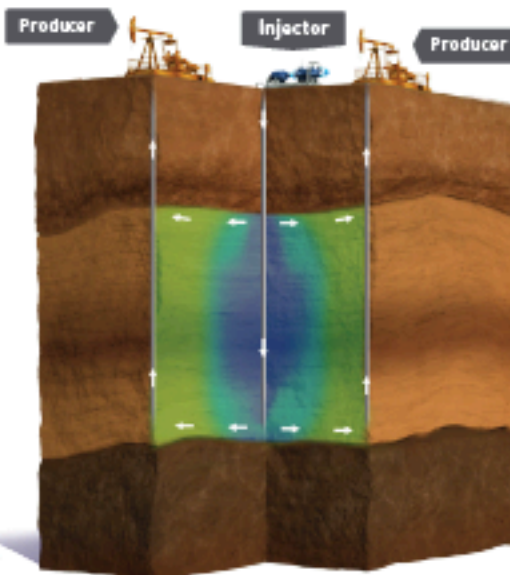
- Conventional seawater floods
- Sulphate reduced floods
- Sulphate reduced flooding with treated low-salinity water for enhanced oil recovery

WATER STANDARD H₂OCEAN SPECTRUM™ TECHNOLOGY ADVANTAGES:

- Rapidly deployable proven solutions that can serve multiple production facilities
- Reduces production facility footprint
- Flexibility to customize and modify water quality over time
- Allows piloting to confirm recovery factors
- Cost effective

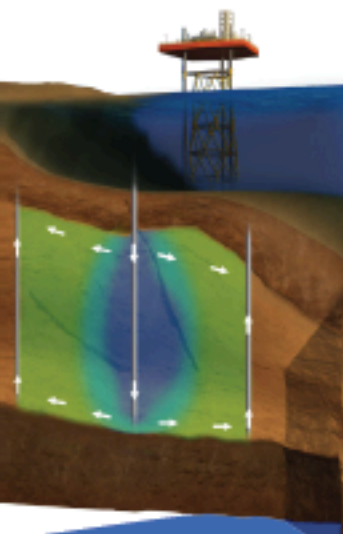
Onshore Water Treatment

Onshore modules/packages for treating water for sulphate reduction, low-salinity, or CEOR waterflooding



Offshore Water Treatment

Offshore modules/packages for treating water for sulphate reduction, CEOR, or low-salinity waterflooding



CEOR or Low Salinity Vessels

Offshore modules/packages for treating water and ASP chemical mixing/injection for CEOR or low salinity waterflooding

