

TECHNOLOGY APPLICATIONS

Dennis Denney, JPT Senior Technology Editor

Mobile Testing-Discharge Treatment

Schlumberger's ClearPhase mobile testing-discharge treatment, designed specifically for well testing, provides real-time discharge monitoring with an auditable record of output quality. The treatment uses TORR deoiling technology licensed from ProSep Incorporated to extract free oil from well effluent (Fig. 3), allowing recovered fluids to be disposed of in an environmentally friendly and cost-effective manner. In addition, the system generates no waste or byproducts, minimizing intervention times and eliminating the need

for handling, shipping, and onshore disposal of fluids. This treatment system reduces oil-in-water content to less than 20 ppm, giving operators the freedom to test in the most environmentally sensitive areas. Fluids can be redirected back into the unit if necessary to meet the most stringent discharge requirements. Rated for H₂S service, this self-contained pressurized unit does not require gas venting for added efficiency and increased safety.

For additional information, visit www.slb.com/ClearPhase.

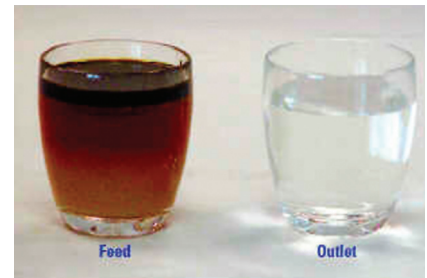


Fig. 3—Schlumberger ClearPhase mobile-testing-discharge treatment reduces oil-in-water content to less than 20 ppm.