

ENCLOSED SOLID FILTRATION SYSTEM SIMPLIFIES SAMPLING

Unexpected and uncontrolled sand production can contribute to production downtime, environmental issues and equipment wear leading to catastrophic failure. When a supermajor discovered quantities of sand being produced from its wells, it requested Proserv to develop a safe system for quantifying solids. Effective sampling is challenging when wells contain high gas-oil ratios, H₂S and slugging issues. It is essential physical properties, including density, volume fraction, particle size and morphology,



Proserv's sand sampling trolleys represent a portable alternative to open receptacle sand filtration units. (Source: Proserv)

are understood to help quantify risks. Chemical and mineralogical properties are key to evaluating factors including potential corrosion. Standardized across all assets, Proserv supplied its client with an enclosed sand filtration system that simplified the process for sampling oil, gas, water and solids simultaneously, while reducing HSE risks. proserv.com ■