



# CLEAR SOLUTIONS for complex fluids

## Produced Water Treatment Solutions Utilizing Dissolved Gas Flotation Technology



### CHALLENGE

- Client was in need of a compact and effective Produced Water Treatment (PWT) solution to discharge per local legislative requirements



### SOLUTION

- CETCO Energy Services, CETCO provides a bespoke technology solution of an Integrated Dissolved Gas Flotation (DGF) System



### RESULTS

- Customer achieves all legislative discharge limits with a cost-effective budget friendly system

# Produced Water Treatment Solutions Utilizing Dissolved Gas Flotation Technology

## CHALLENGE

A client based in the Gulf of Mexico (GOM) had a requirement for treating significant volumes of Produced Water (PW) on their Greenfield installation and ensuring a continuous ability to direct the fluids overboard in a safe and environmentally responsible manner. The client requested a complete integrated solution that was 'plug and play' with minimal interfaces or need for on asset intervention.

## CETCO SOLUTION

CETCO managed, designed and manufactured a bespoke compact, budget friendly integrated package utilizing their class leading Dissolved Gas Flotation technology. A single-vessel based system providing a lifecycle flowrate capacity between 4,000- 63,000 bpd contained on a fully integrated skid package providing an automated and reduced operator intervention solution to the client.

The system was designed to provide regulatory compliant overboard discharges of 10 ppmv oil in water from a maximum inlet of 500 ppmv.

## RESULTS

CETCO successfully delivers a customized, compact, integrated DGF package on time and within budget. Ensuring the client can provide a regulatory compliant overboard discharge whilst maintaining full production and no downtime.

