



CLEAR SOLUTIONS for complex fluids

CETCO reduces consumables and OPEX by 1/3 for operator treating excursions in Gulf of Mexico



CHALLENGE

- CETCO Energy Services (CETCO), was contacted to help reduce sheening and temporary shutdowns due to off spec discharges from the produced water process



SOLUTION

- CETCO, deployed a trial package that consisted of a solids filtration unit, ANGLER® CMF, and Hi-Flow® coalescing technology



RESULTS

- CETCO was the only service company out of 3 that was able to provide a solution

SUCCESS STORY

Produced Water Excursion Packages

CETCO reduces consumables and OPEX by 1/3 for operator treating excursions in Gulf of Mexico

CHALLENGE

The Operator in the Gulf of Mexico (GOM) had been producing in the GOM for years. At this particular facility they been plagued by excursions from their produced water facilities. Excursions are departures from compliant discharge limits in either sheening or total organic content. These challenges were due to the fluids being produced at distant wells and having to be treated with (LDHI) and methanol, known bad actors amongst water treaters. The operator employed a vendor to help them manage the excursions but as time passed the excursions became progressively worse as the water cut and overall production grew. As the challenge grew in size so did the OPEX. To alleviate the OPEX and reduce the number of filters being consumed, several vendors were brought out to develop a solution.

CETCO SOLUTION

CETCO deployed a package of the ANGLER[®] CMF, and Hi-Flow[®] unit. ANGLER[®] CMF is a solids filtration technology that is comprised of compressible media. The Hi-Flow[®] unit is an advanced coalescing technology utilized to treat finely dispersed oil in the high rates of produced water. The Operator utilized the CETCO package to diminish the amount of consumable needed to treat the fluids. Additionally, the overall OPEX for the treatment of the produced water was reduced to 1/3 of what was previously required. Personnel On Board (POB) were positively impacted as the system operated with less manpower than the previous vendor setup.

RESULTS

CETCO was the only service company able to deliver a solution which reduced total amount of consumables, operating costs, and POB.

