

Mitigating Low Volume Methane Emissions

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16-ARPC-05

The motivation for this project is the need to reduce the emissions from venting in the oil and gas industry. SRC has provided AUPRF with an updated scan of methane mitigation technologies, in order to determine which two are at a technical readiness level suitable for commercial validation and would be the most likely to succeed in a field trial.

For the base case scenario of 900 m³/d of wet sour gas production from a single well in a geographically isolated area, two technologies were of particular interest: tank covers, and biofilters. SRC recommends that AUPRF continue with Phase 2 of this project and measure the methane mitigation potential of tank covers and biofilters at a commercial demonstration scale.

Report