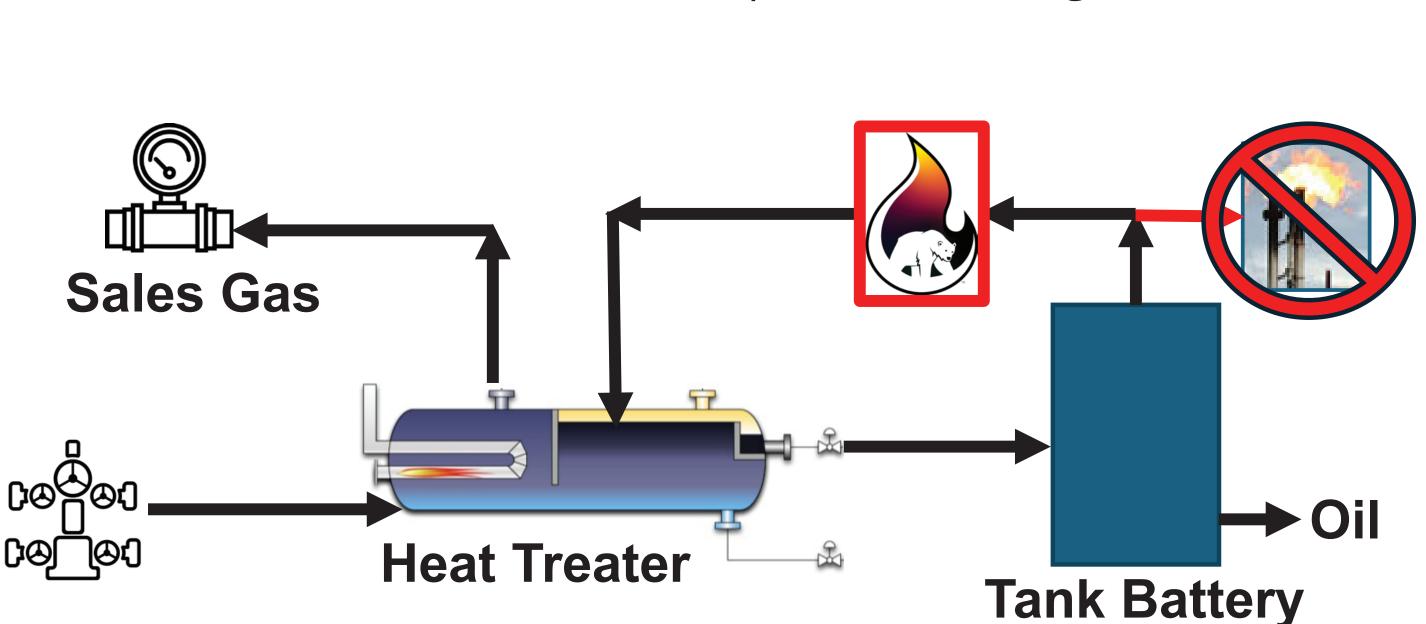
POLAR BEARM

INNOVATIVE CAPTURE OF STORAGE TANK VAPORS

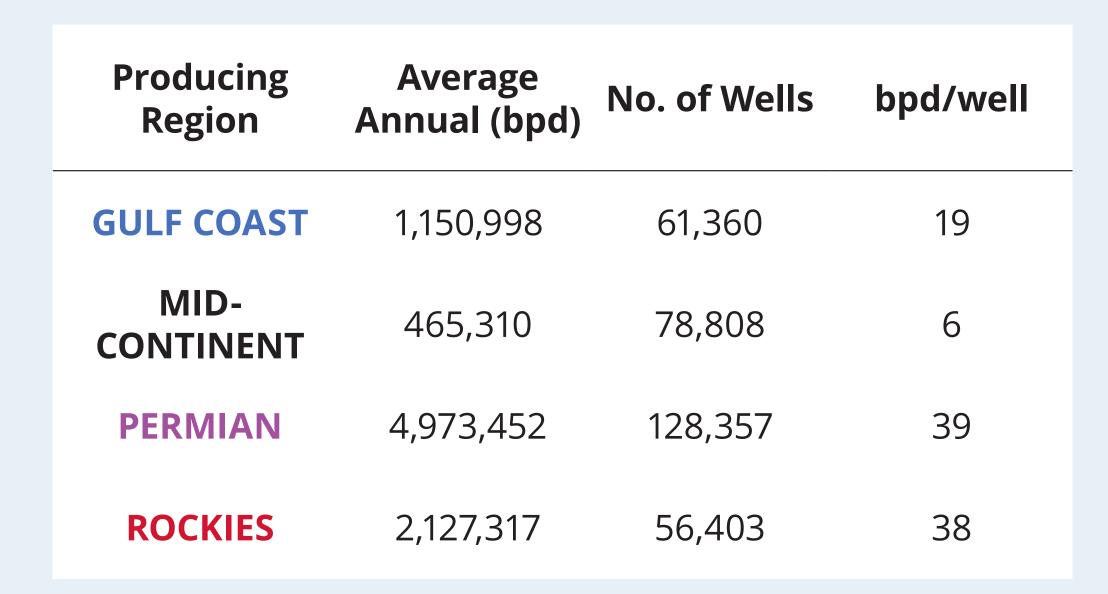


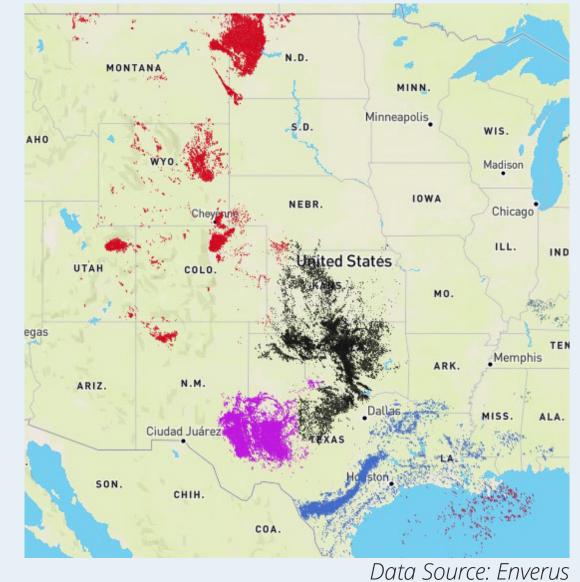
PROJECT OVERVIEW

STORAGE TANK VAPORS are challenging to recover at upstream oil and gas wellhead facilities. Low prices, small volumes, and operational constraints are some of the economic barriers. The EERC has patented the integration of new compression technology designed to address recovery costs. A small robust compression prototype that is new to the industry is being tested to evaluate operational performance and advance the readiness of the technology. The project includes collection of field data and collaboration with industry members of the EERC's Bakken Production Optimization Program.





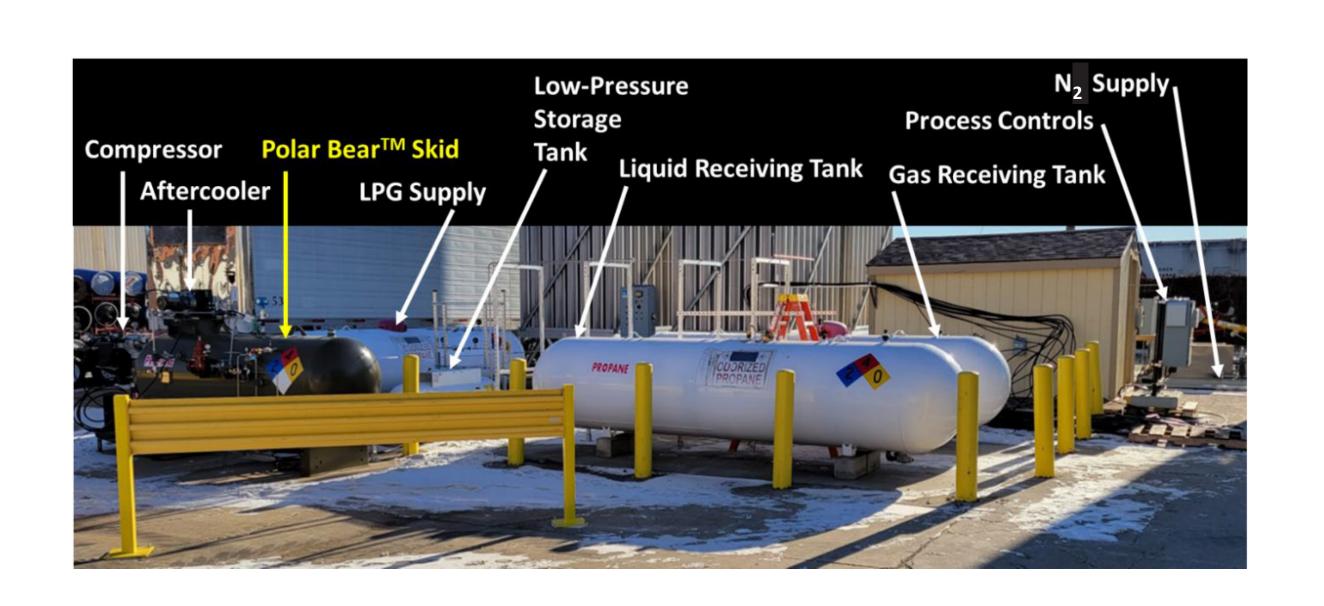




- The average oil producing rate is 38 bpd from most onshore oil and gas wells.
- Associated tank vapor rates are modest.
- Economic recovery necessitates innovation and new recovery technology.

ACCOMPLISHMENTS

- Licensed in 2021
- Commercial joint development agreement
- 6 patents issued
- Prototype constructed
- Currently at start of testing





Darren Schmidt | Assistant Director for Energy, Oil and Gas, dschmidt@undeerc.org

Energy & Environmental Research Center (EERC) 701.777.5000 | www.undeerc.org



