

Oil & Gas: Production Liquids

Case Study



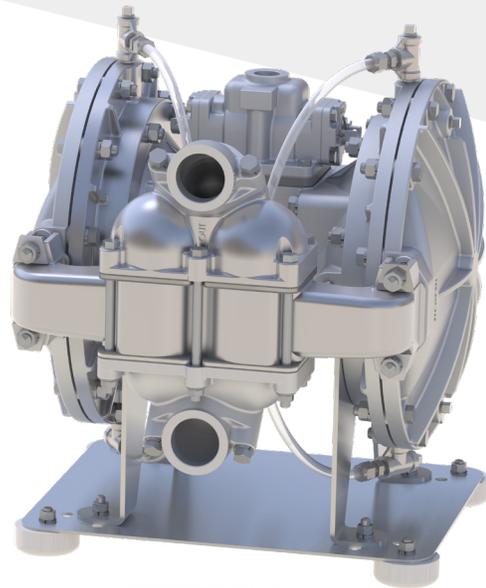
Company Location: Headquarters- Fort Worth, TX.

Installation: Permian Basin

Company Industry: Energy Sector – Oil and Gas

AODD Pumps in Facility: Containment Duty ST1 & ST1 ½ pumps

Site Uses: Sump & General Transfer of Hydrocarbon Liquids



A large energy company embarked on developing several production sites throughout the Permian basin, and needed a double diaphragm pump to safely transfer liquids for sump/general transfer. They originally were interested in using standard double diaphragm pump technology but quickly realized that when a diaphragm fails, the compressed air power source could be introduced to the fluid side of the pump. The Project Engineer was concerned about when the diaphragm fails, the compressed air could reach the combustible liquid.

SANDPIPER [Containment Duty Pumps](#) were specified for safe & reliable transfer of Oil & Gas production liquids. They were installed in transfer applications where the pumped fluid cannot be exposed to compressed air. Due to the combustible nature of the liquid, it is critical that a safety system be in place to avoid catastrophic failure and extended downtime.

SANDPIPER's Containment Duty pumps can easily transfer natural gas liquids, condensate, as well as other liquids containing hydrocarbons from one process to another. Since air is the primary energy source, SANDPIPER Containment Duty was the choice with safety in mind. Safe in potentially explosive atmospheres, chemical compatibility with NGL's on the wet side, safe dry running and dead heading, and will ensure, in the case.

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