

Tankless Facilities

FACT SHEET



Our Mission

Anadarko Petroleum Corporation's mission is to deliver a competitive and sustainable rate of return to shareholders by exploring for, acquiring and developing oil and natural gas resources vital to the world's health and welfare. As of year-end 2017, the company had approximately 1.44 billion barrels-equivalent of proved reserves, making it one of the world's largest independent oil and natural gas exploration and production companies.

Enhancing Safety, Reducing Emissions & Increasing Operational Excellence in our Premier U.S. Onshore Basins

Anadarko continually strives to reduce surface impacts associated with production facilities.

In the DJ Basin, where our tankless designs originated, the tank batteries for horizontal wells once required four tanks for each well. Our first-generation lease automatic custody transfer (LACT) unit batteries reduced this number by half. Through continued design modifications, the installation of LACT units has reduced the need for storage tanks to only one for several wells. The reduction in truck traffic previously required for liquids transfer, and the associated reduction of emissions, dust, noise, and local road congestion, is a direct and positive result achieved by the new production facility design.



DJ Basin Highlights



The DJ Basin has gathering infrastructure that enables oil and natural gas to be pumped from tankless facilities through gathering infrastructure to a central oil stabilization facility (COSF). Truck traffic associated with hauling products was reduced by at least 75 percent in the first year of lease automatic custody transfer (LACT) batteries being commissioned. Decreasing the size and height of the pad makes these facilities less noticeable for local residents, while still allowing for efficient production.

The tankless design reduces air emissions by:

- Utilizing air-driven pneumatic devices,
- Eliminating condensate storage tanks,
- Removing truck loadout of condensate, and
- Controlling water tanks with a smokeless enclosed combustion device (ECD).

Delaware Basin Highlights



Our Delaware Basin team is developing a robust infrastructure that supports oil, water and natural gas gathering. Our tankless facilities only a separator and pumps to gather product from the wellhead and transport it into a gathering system, removing the need for multiple separators, tanks and flares.

The tankless design reduces air emissions by:

- Utilizing air-driven pneumatic devices,
- Eliminating condensate and produced water storage tanks,
- Removing truck loadout of condensate and produced water storage tanks, and
- Eliminating storage tank and loading emission control by flares.

The design also improves safety by eliminating the need for water or oil haulers to be onsite, taking trucks off the road, further reducing emissions and the potential for vehicle accidents.