

PROJECT DESCRIPTION

PROJECT: Propane Export Facility - Bucking Horse Gas Processing Plant

LOCATION: Douglas, Wyoming

DESIGN TEAM: *Civil/Structural Engineer:* Willbros Engineering : Englewood, CO
Geotechnical Engineer: Inberg-Miller : Casper, WY

CONTRACTOR: Alpha Concrete LLC: Pleasant Hill, MO

OWNER: Access Midstream: Oklahoma City, OK



DESCRIPTION:

- After GTFC-West had installed aggregate piers for the overall gas processing plant, we were contacted by Alpha Concrete LLC to provide an aggregate pier design/build installation for a new propane gas export facility adjacent to the main plant site.
- Two 90,000 gallon horizontal tanks, a metering station and office.
- Loose collapsible soils up to 30' deep that could cause settlements up to one foot without installation of engineered aggregate piers.
- 58 Aggregate Piers were built to a length of 20 feet in one day, finishing 2 days ahead of schedule.

REFERENCES: Joel Lawrence, Project Manager Ben Hauser, P.E.
Alpha Concrete Inberg-Miller