

## PROJECT DESCRIPTION

**PROJECT:** Bucking Horse Gas Processing Plant

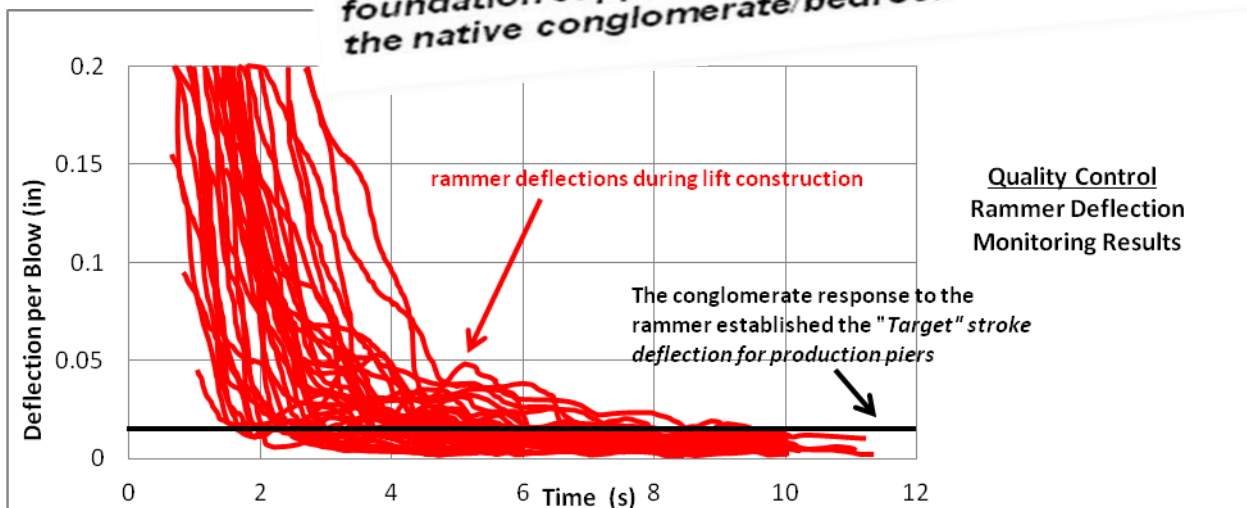
**LOCATION:** Douglas, Wyoming

**DESIGN TEAM:** *Civil/Structural Engineer:* Willbros Professional Services : Englewood, CO  
*Geotechnical Engineer:* Terracon : Cheyenne, WY

**CONTRACTOR:** S-Con, Inc. : Bryan, TX

**OWNER:** Jackalope Gas Gathering Services, LLC : Oklahoma City, OK

*during pier construction, force/deflection monitoring allowed ramming time per lift to be varied so that completed piers exhibited foundation support characteristics comparable to the native conglomerate/bedrock*



### DESCRIPTION:

- *Engineered Aggregate Piers were selected to provide uniform foundation support and performance on this highly variable subsurface profile.*
- New plant including processing buildings, office building, control building, LNG facilities, storage tanks, pipe racks, and substation.
- Up to 20'+ of soil fill and native clayey soils overlying weathered conglomerate/bedrock

**REFERENCES:** W.G. (Trey) Brown, VP Engineering & Construction  
S-Con, Inc.

Brent Wilkins, P.E  
Terracon - Cheyenne

Leon R. Raper, S.E.  
Willbros Professional Services, Engineering