



**Niagara Blower Heat Transfer Solutions**  
673 Ontario St., Buffalo, NY 14207  
Phone: (716) 875-2000 ~ Fax: (716) 875-1077  
sales@niagarablower.com / [www.niagarablower.com](http://www.niagarablower.com)

## NATURAL GAS COOLING FOR COMPRESSOR STATION

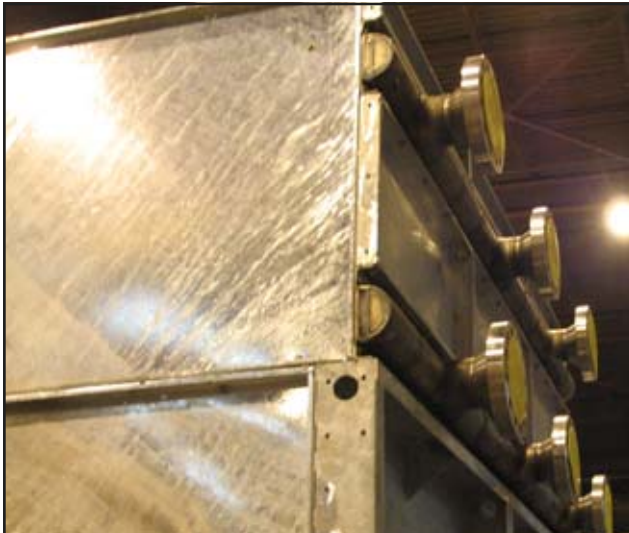
CUSTOMER: EXPLORATION & PRODUCTION CO.

INSTALLATION LOCATION: CENTRAL U.S.

APPLICATION: NATURAL GAS COOLING

**PROBLEM:** An exploration and production company needed three systems to cool high pressure natural gas in a multistage compression system from 130 to 105°F.

**SOLUTION:** Niagara designed and manufactured several customized closed-loop, evaporative Wet Surface Air Coolers. These units were engineered with hot dipped galvanized after fabrication (HDGAF) carbon steel per ASME code using heavy wall tube material. They featured special screens for protection against hail and debris.



### ADVANTAGES

- Reduces compressor horsepower
- Efficiently cools process
- Can potentially eliminate the first stage
- Closed-loop design conserves water
- More cost effective than other technologies

### FEATURES

- High pressure (371.5 psi) design
- Customized with hail/debris screens
- Heavy wall tube
- Rugged, industrial construction
- Hot dipped galvanized after fabrication (HDGAF)

**FOR MORE INFORMATION ABOUT THIS AS WELL AS OTHER WSAC APPLICATIONS,  
PLEASE CONTACT THE NIAGARA FACTORY OFFICE IN BUFFALO, NY.**