

**AEREON**

CREATING A CLEANER PLANET

# CASE STUDY #170105

## CYCLONE SERIES MAVP 0616 x 25' AIR-ASSIST ELEVATED FLARE

### PROJECT DETAILS

Location:	Payne County, OK
Flow Rate LP:	1.5 MMSCFD
LP Inlet Pressure ( $\Delta P$ ):	8-10 oz/in <sup>2</sup>
Heating Value:	2351 BTU/SCF
Blower:	5 HP VS
INFO:	Midstream Client



Aereon's Cyclone Series Air Assist flare is used to maintain emission compliance by destroying condensate tank vapors at a Gathering System's Compressor Station. The system is designed for normal and emergency flow rates with low and high pressure possibilities. Normal tank vapors are sent to the flare based on tank pressure relief valve (PRV). As the higher pressure from separators and heater treaters are sent to the HP tanks, a HP PRV release vapors to the flare. The flow rate and pressure is much higher at that point. Our VFD controlled 5HP blower maintains air / vapor mixture through the flare tip and provides smokeless combustion over wide range of flow and pressure parameters; Large Turndown success.

## AEREON's Flexible Air Assist Flares!