

# PANELISTS

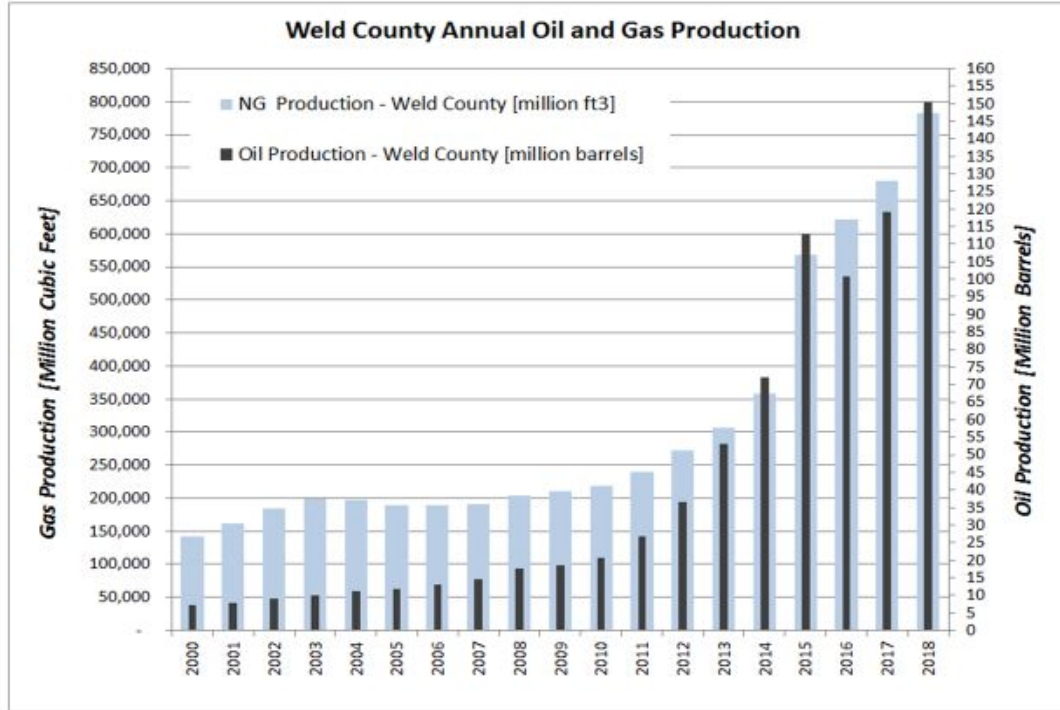


MIKE PAULES  
ASSOCIATE DIRECTOR  
COLORADO  
PETROLEUM COUNCIL

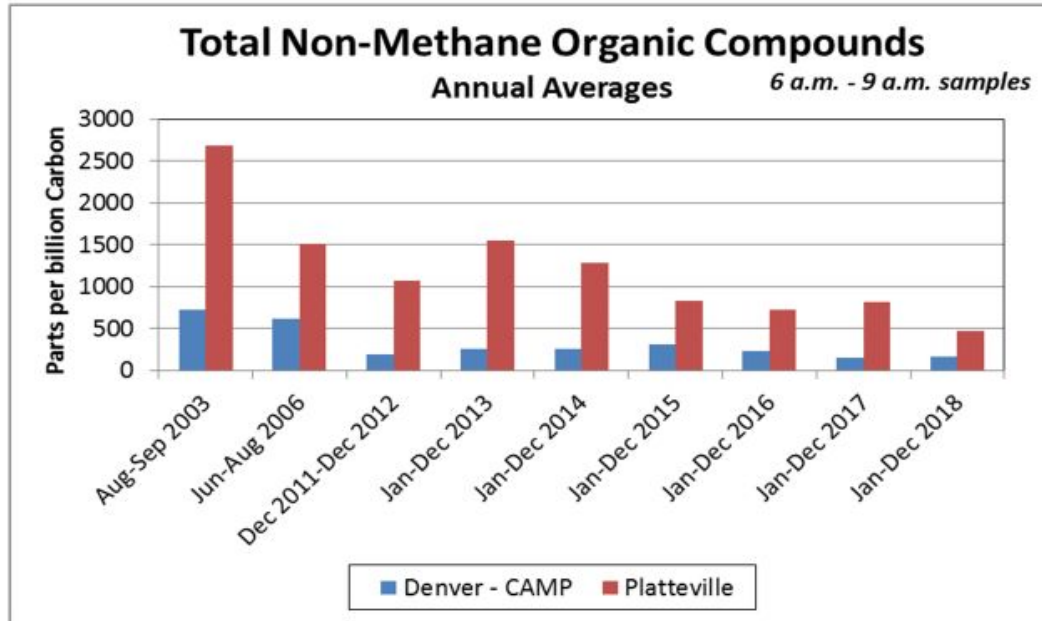
**BW** EVENTS

**ENERGY** BW SUMMIT

# Weld County Oil and Gas Production 2000-2018



# DJ Basin Air Quality (NMOC) 2003-2018



From CO  
APCD  
monitorin  
g data

# Voluntary Measures - Vehicle Use

- Educate your employees and contractors on ozone air quality and ways to reduce precursor emissions especially for days forecast for high ozone
- Support car pool programs, telecommuting, and/or mass transit (ride RTD bus or light rail)
- Distribute alerts from APCD or RAQC to notify employees and contractors of forecasts for high ozone days
- Defer or limit vehicle travel if possible
- Avoid travel during morning and evening rush hour
- Limit idling of vehicles
- Maintain vehicles to maximize performance and gas mileage (i.e. tune ups, tire pressure)
- Tighten fuel caps
- Don't overfill gas tanks
- Fuel vehicles at night
- Reduce driving speeds where possible

# Voluntary Measures - Oil and Gas Production

- Perform additional emission leak detection and repair activities on equipment
- Minimize use of equipment which generates NOx and VOCs
- Postpone loading/hauling of oil and produced water by trucks where possible
- Postpone well/equipment/pipeline maintenance activities on ozone action days
- Set pumping units before or after summer ozone season to eliminate swabbing
- Plug and abandon old wells and decommission production equipment before or after summer ozone season