



# SAN JUAN VISTAS

*Voluntary Innovative Strategies for  
Today's Air Standards*

“It really is up to all of us to work together to protect our air quality in New Mexico. The key is that everyone needs to participate and no one should hesitate to take action, no matter how small or inconsequential that action may seem.”

—Mary Uhl  
New Mexico Environment  
Department, Air Quality Bureau Chief



# What is San Juan VISTAS?

---

## Voluntary Innovative Strategies for Today's Air Standards

- San Juan VISTAS is a voluntary emission control program administered by the New Mexico Environment Department (NMED) for the improvement of air quality.

## VISTAS History

- Began in 2005 as a result of EAC work
- Modeled after EPA Gas STAR program
- Currently 5 partners



# How Do We Prevent Pollution?

---

- **Use Less Energy**  
Using less energy reduces air pollution. Every step taken to save energy is a step towards pollution prevention.
- **Add or Improve Emission Controls**  
Scrubbers, oxidation and reduction catalysts, particulate filters, etc.
- **Increase Efficiency**  
Efficiency is getting more out of each bit of energy we use. The result can be a direct benefit by reducing emissions from equipment or cars and getting more work done for less money.



# Partners and Key Strategies

---

- **Conoco Phillips:**
  - Compressor engine optimization
  - Purchase of new lower emitting compressor engines
  - Insulation of separators and production tanks
  - Plunger lift optimization
- **Red River:**
  - Installation of Lean Burn compressor engines
- **Auburn Environmental:**
  - Use of infrared cameras to help companies find and correct gas leaks



# Partners and Key Strategies (new 2010)

---

- **Pure Automation:**
  - Well automation
    - Reduces amount of venting required for production of liquid-loaded wells.
- **Sure Fire:**
  - Burner management systems
    - Includes sparkless ignition systems



# 2008 Emissions Reduction Estimates

---

## VISTAS Partners

<b>ConocoPhillips San Juan Unit &amp; Red River Compression 2008 Emissions Reductions</b>	
<b>NOx</b>	<b>4,492 tons/year</b>
<b>CO</b>	<b>1,332 tons/year</b>
<b>VOC</b>	<b>326 tons/year</b>
<b>CO2</b>	<b>75,286 tons/year*</b>

\*Additional CO2 emissions reductions from lean burn engine combustion not included.



# Help Prevent Pollution - Join VISTAS

New Mexico Environment Department's  
Air Quality Bureau

Farmington  
3400 Messina Drive Suite 5000  
Farmington, NM 87402  
(505) 566-9746

Santa Fe  
1301 Siler Road, Building B  
Santa Fe, NM 87507  
(505) 476-4300

<http://www.nmenv.state.nm.us/aqb/projects/SJV/index.htm>



# Thank you VISTAS Partners

---

**Conoco Phillips – San Juan Business Unit  
Red River Compression  
Auburn Environmental  
Pure Automation  
Sure-Fire Controls**

