# Chevron's Experience with Natural Gas STAR program



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# Chevron Views on Climate Change



#### Seven principles for addressing climate change

- □ Global Engagement
- Energy Security
- Maximize Conservation
- Measured and Flexible Approach
- ☐ Broad, Equitable Treatment
- Enable Technology
- □ Transparency

## **Chevron GHG Management Activities**



# A variety of systems and tools to manage the various aspects of the GHG Management

- □ GHG Inventory
- Long-Term GHG Forecasting
- □ Carbon Price Forecasting
- ☐ Capital Projects Tools
- □ Carbon Markets
- Mitigation Planning
- ☐ Technology Deployment

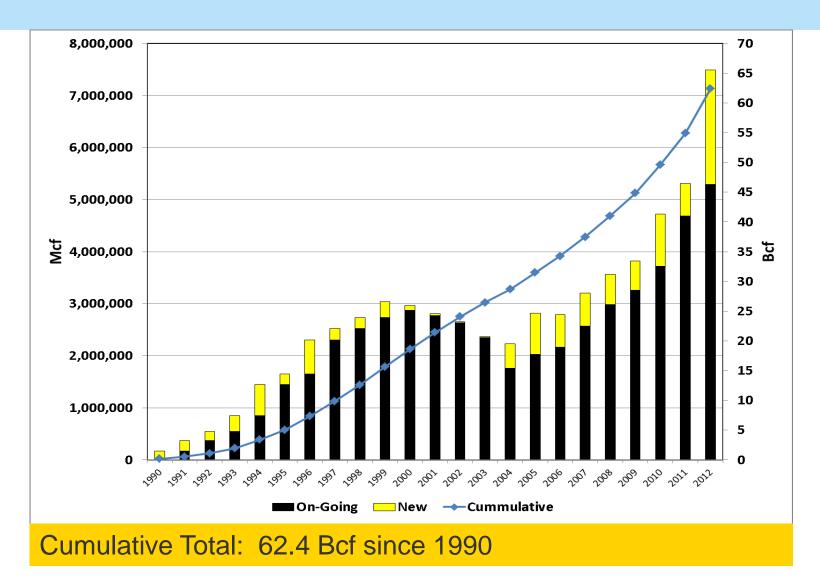
# Roger the "Sniffer"





#### Chevron's Historical Methane Emission Reductions





# Chevron – EPA Natural Gas STAR Program Recognition



- ☐ Chevron joined the program in 1996
- Received Production Partner of Year Award in 1999
- □ Received Continuing Excellence Award in 2003
- ☐ Received 12 years Continuing Excellence Award in 2007

# Chevron – Natural Gas STAR Tech Transfer Workshops



- ☐ Hosted Offshore Technology Transfer Workshop New Orleans 2008
- ☐ Hosted Production & Processing Technology Transfer Midland 2008
- Hosted Educational Tour for International Partners Midland May 2011
- □ Presentation at Technology Transfer Workshop Farmington, NM November 2011
- ☐ Presentations at GMI workshop Washington D.C. October 2012

# EPA Natural Gas STAR - Partner Update Spring 2007 Technology Spotlight











## Summary



- □ Chevron recognizes concerns of the governments and the public about climate change
- ☐ Chevron is engaged in development of alternative energy
  - Research
  - Technology Ventures
  - Implementation
- ☐ Chevron Upstream Operations work proactively to reduce emissions
  - Methane emission reduction
  - Energy efficiency
  - Reliability