MidCon Compression, LLC

Natural Gas STAR Workshop
Compressor Emission Reductions & BMPs
May 14, 2009

- Total HP in MidCon Fleet
- Ariel HP / Frames in MidCon Fleet
- Footprint of Operation
- Employees
- MidCon Facilities & Sites
- Customer Base
- MidCon BMPs
- MidCon Methane Reductions
- Lessons Learned
- 2009 Natural Gas STAR Plan
Customer Base:

- Anadarko
- Cimarex
- Chesapeake Energy
- Corkran Energy
- Dallas Production
- Dominion
- Linn Energy
- Lumen Midstream
- Marbob Energy
- Murchison Oil & Gas
- Petro Hunt
- Questar
- R.A. Miller
- Ward Petroleum
MidCon STAR BMPs:

- **Low Bleed Liquid Level Controllers**
  - All new equipment specified with Low Bleed
  - All re-builds updated to Low Bleed

- **Electric Starters**
  - Typically on units 400HP and below
  - Typically on rotary screw compressors

- **FLIR Camera Leak Repairs**
  - Proving to be a very useful technology within our DI&M processes
Lessons Learned: Setting-up Current BMP’s

- Accurate equipment description necessary
- Accurate “unit set/unit move” reports a must
- OEM Rod Packing tests done on Ariel JGT and JGK frames show no measurable leaks
  —Most MidCon equipment is new or near-new
MidCon Methane Reductions

- 1,661 Mcf for 2003
- 13,782 Mcf for 2004
- 45,341 Mcf for 2005
- 93,493 Mcf for 2006
- 169,500 Mcf for 2007
- 330,476 Mcf for 2008

2009 Gas STAR Plan

- Implement BMP for unit “Blow down to Suction”
- Research other economically viable BMPs
- Continue emphasis of the Gas STAR program within MidCon training programs.
- Instill the value of leak repair and how methane emissions reductions are good for the environment and the bottom line.
- Increase gas volumes at the sales meter.
Serious Compressor Problems?
(MidCon Mechanics can ‘tackle’ them)