

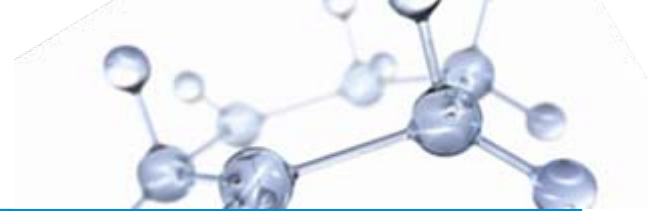
The Wyoming Enhanced Oil Recovery Institute

3RD Annual Wyoming CO₂ Conference

LaBarge Field & Shute Creek Facility

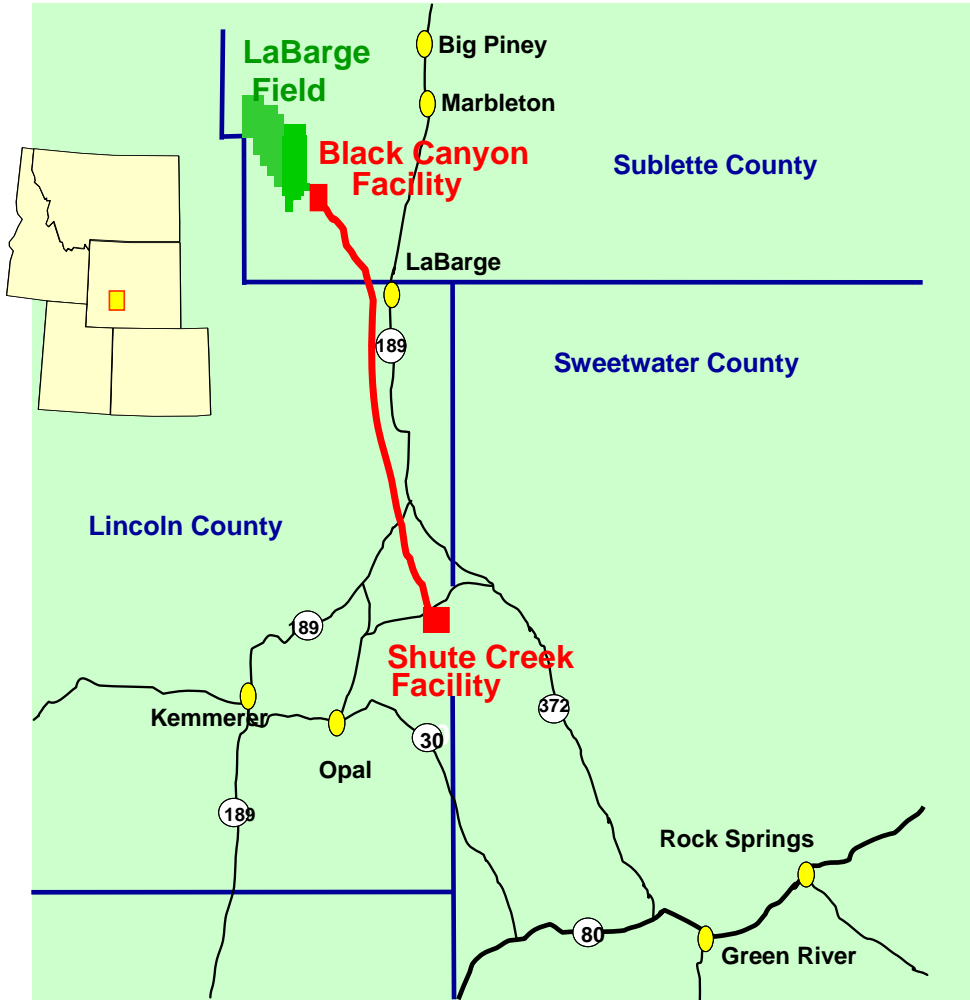
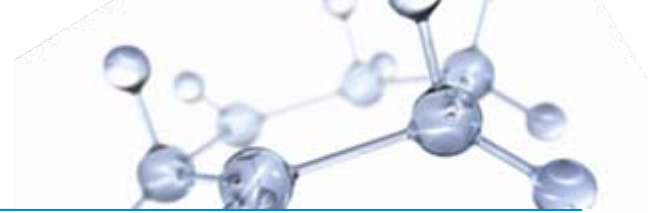
Skip Thomas, CO₂/Helium Sales Manager
June 24, 2009

Agenda



- Gas Process Facilities
- Carbon Dioxide Sales Pipeline Infrastructure
- New Investments
- Shute Creek Compressor Expansion Project Status

LaBarge



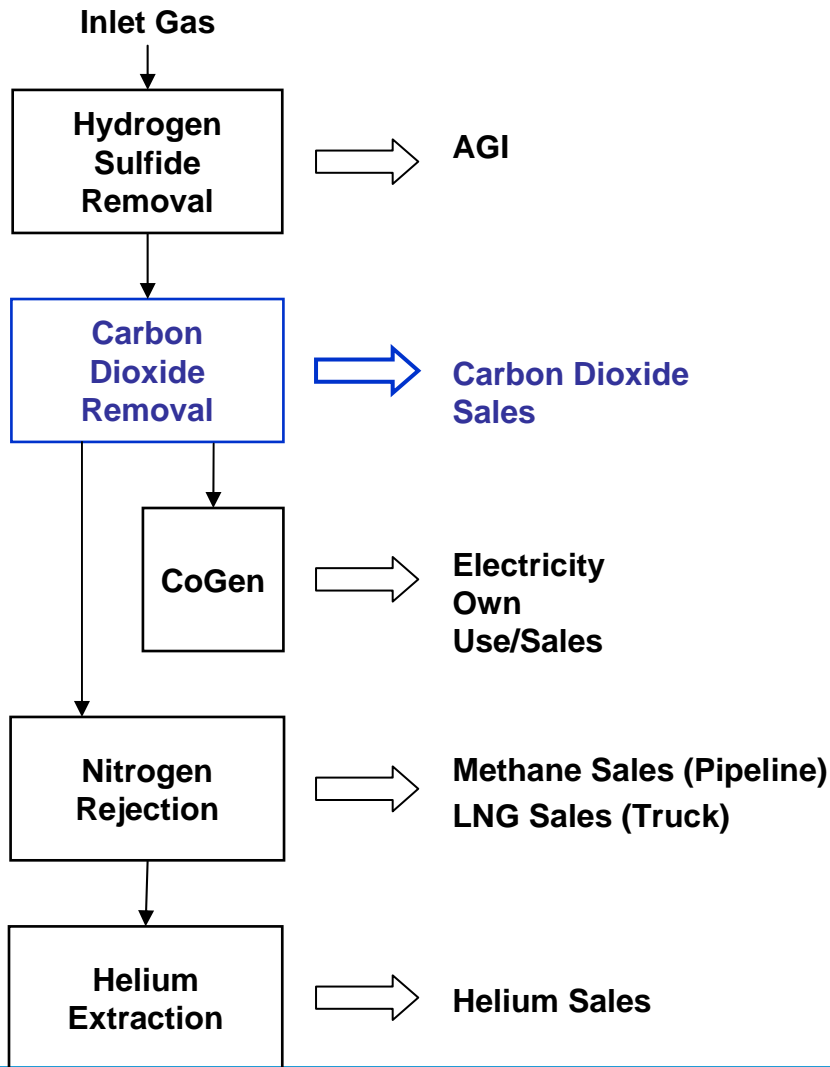
- **History**

- 1981: Exxon drilled exploration wells
- 1984: Shute Creek construction
- 1986: First production

- **Raw gas stream**

- Produced from the LaBarge Madison reservoir
- Average well produces 45 MMCFD
- Gathered to the Black Canyon Processing Facility
- Transported 40 miles to the Shute Creek Treating Facility

Shute Creek Treating Facility



Inlet Gas

- Capacity: 700 MMCFD
- Composition:
 - 66% CO₂
 - 21% Methane
 - 7% Nitrogen
 - 5% Hydrogen Sulfide
 - 0.6% Helium

AGI

- 2005 startup
- Re-injects naturally occurring hydrogen sulfide (35 MMCFD) and CO₂ (25 MMCFD)

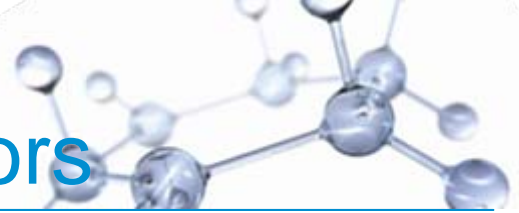
Co-Generation

- 2004 startup
- 108 MW

Helium Sales

- 4 MMCFD liquid & gaseous truck sales

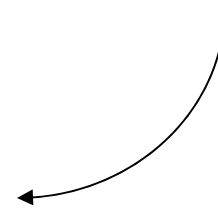
Shute Creek Sales Compressors



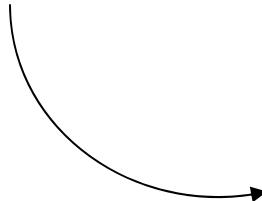
Black Canyon and Shute Creek



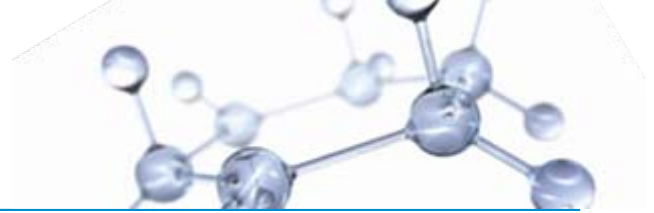
Black Canyon



Shute Creek
Treating Facility



Shute Creek CO₂ Handling

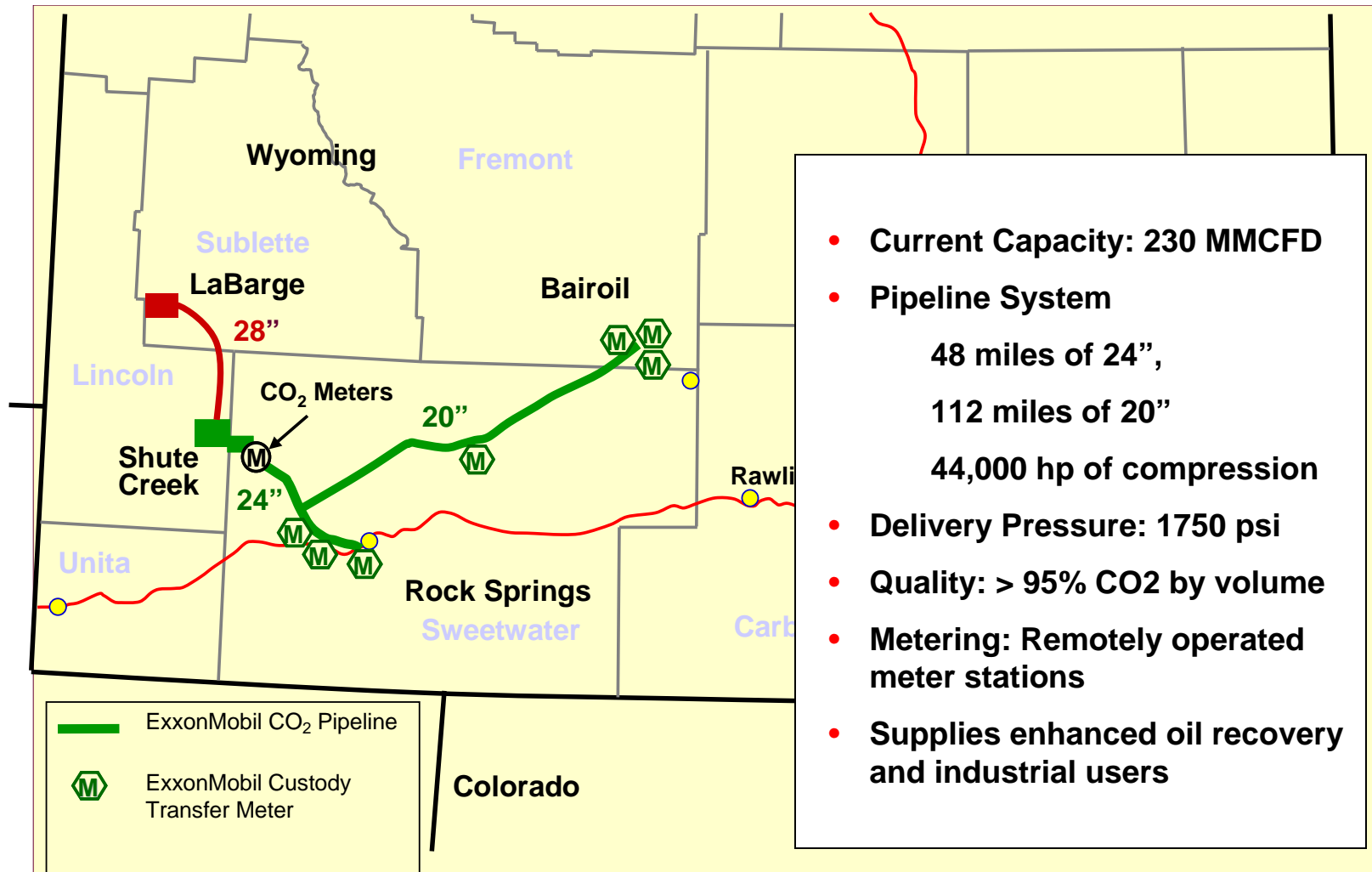
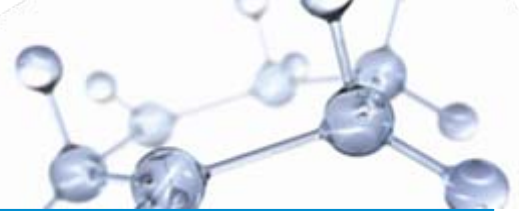


Global Industry Bests...

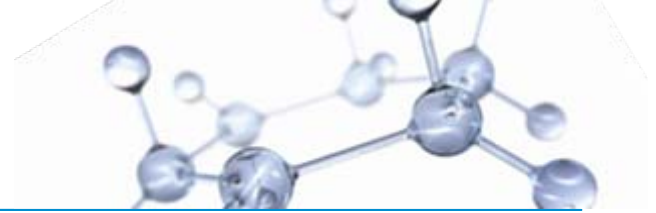
- World's largest Selexol plant
- World's largest helium recovery plant
- Longest and largest sour gas pipeline in the US



Carbon Dioxide Sales



Investing for the Future...



CFZ™ Test Facility - \$100 Million

- CFZ™, or Controlled Freeze Zone™, technology could make carbon capture and storage more affordable and significantly reduce Greenhouse Gas Emissions
- ExxonMobil is in the process of constructing a commercial demonstration plant at LaBarge

CO₂ Sales Expansion - \$72 Million

- It is our goal to safely and efficiently extract additional CO₂ for sales as market conditions warrant
- Project will increase sales capacity by nearly 50% and significantly reduce overall emissions

Carbon Capture and Sequestration Project

- ExxonMobil partnering with the University of Wyoming in CCS project funded by the Department of Energy
- Project in scoping phase with a \$1.6 million grant from the DOE

Shute Creek CO₂ Sales Gas Expansion Project



Project Purpose

- Install 23,000 hp of CO₂ compression (capacity increase of 110 Mmcf/d)
- Fully utilize the capacity of the CO₂ pipeline network departing the Shute Creek Facility

Multi-disciplinary Engineering Design Team

- ExxonMobil Operations, Engineering, and Project Management team
- Contract detail design engineering team

What the Team Accomplished

- Project fully funded at \$72 Million November 2007 (\$55M committed as of June, 2009)
- Detail design effort initiated November 2007 (95% complete)
- Began receiving major equipment and materials in the field February 2008
- Initiated field construction activities July 2008

Next Steps

Completed Phase 1 civil construction activities May 2009

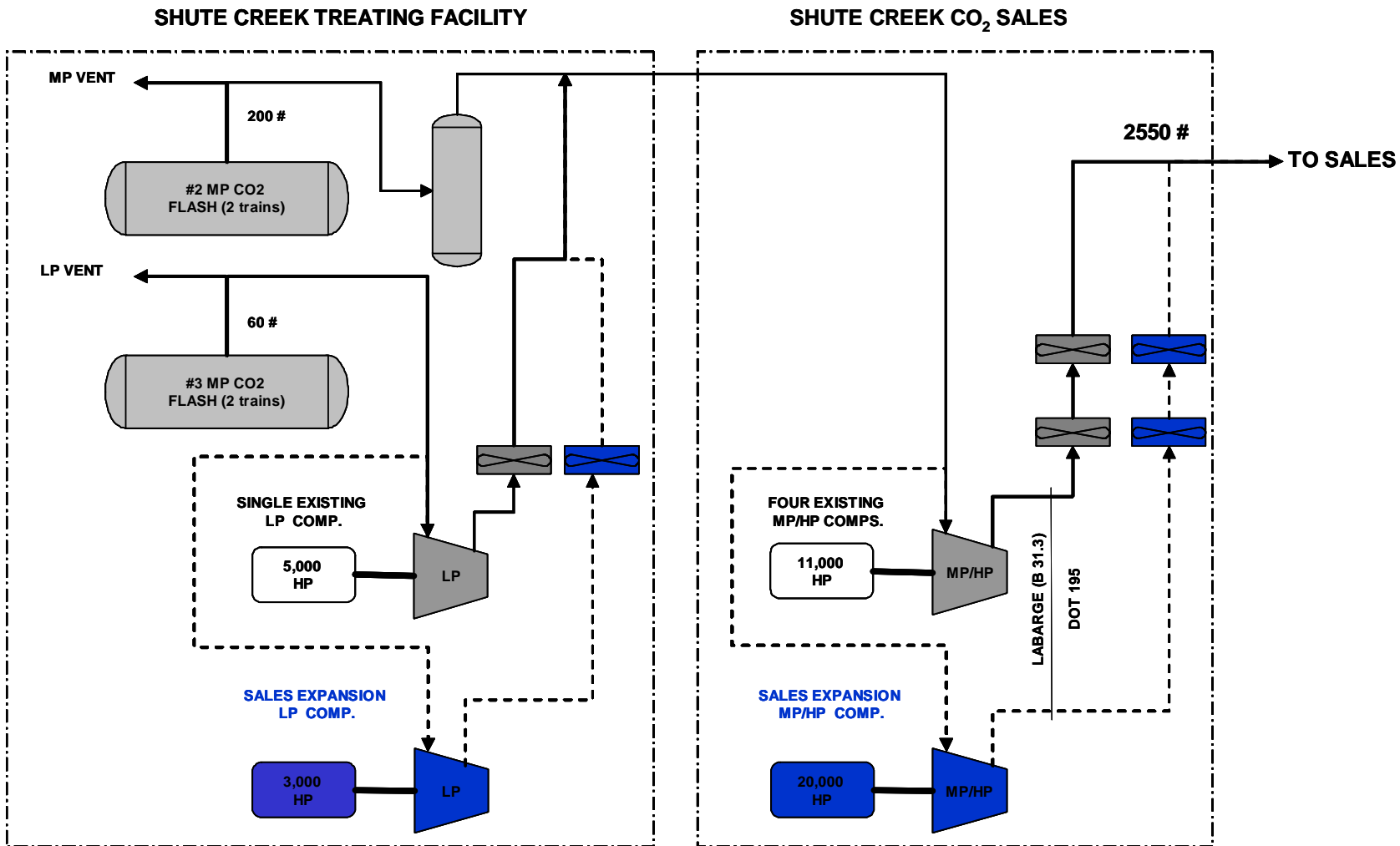
Begin remaining construction activities June 2009

Completion erection of MP/HP and LP Pre-Engineered Metal Buildings (PEMB)

Receive and set compressor units July-August 2009

Start-up scheduled 2nd Quarter 2010

Shute Creek CO₂ Sales Gas Expansion Schematic



Carbon Dioxide Sales Organization



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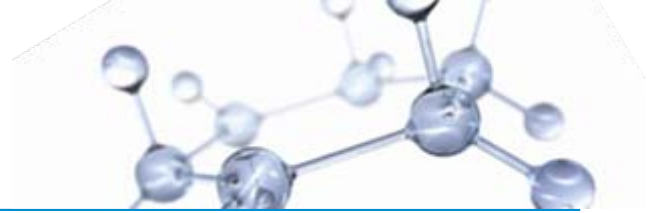
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**THANK
YOU**