Challenges for Gas Flooding

- Sweep
- Source of trapped gas, acid gas or captured CO2
- Multi-field solutions
- Cost and materials

R&D

- Increase sweep
- How to use Foam to enhance sweep over large distances and in the presence of oil
- Integrate aspects of CO2 sequestration in CO2 EOR
- Acid gas reactive processes
- Material and cost aspects of CO2 capture







Current Thermal EOR Activities

California

- S.Belridge Tulare, Midway Sunset, etc. steamfloods optimization
- S. Belridge Diatomite demonstration of steam injection into tight, light oil reservoir

Netherlands

- Schoonebeek - horizontal well steamflood re-development in execution

Oman

- CSS/steam drive pilots, projects design under way
- Qarn Alam, Fahud steam assisted GOGD in fractured carbonate reservoir in execution
- Mukhaizna steam drive development progressed by Oxy
- Canada
 - Peace River cyclic steam stimulation project
 - Orion SAGD project









