

2007 - 2008 Consortium Research Areas

Ultra-Deepwater

Mission: Identify and develop economically viable (full life cycle), acceptable risk technologies, architectures, and methods to explore for, drill for and produce hydrocarbons from UDW and formations in the Outer Continental Shelf (OCS) deeper than 15,000 feet.

Field Type

- Low Permeability Reservoir
- High Viscosity Oil
- Small Reserves
- Xhpht

Crosscutting Technology Challenges

- Environmental
- Flow Assurance
- Floating Facilities
- Subsea Facilities
- Geo-science
- Reservoir
- Met-ocean
- Systems Engineering And Architecture

Unconventional Gas and Other Resources

Mission: Identify and develop economically viable technologies to locate, characterize and produce unconventional natural gas and other petroleum resources, in an environmentally acceptable manner.

- **Gas Shales**
- **Water Management: Coalbed Methane and Shales**
- **Tight Sands**

Small Producers

Mission: Increase the supply from mature domestic natural gas and other petroleum resources through reducing the cost and increasing the efficiency of production of such resources, while improving safety and minimizing environmental impact, with a specific focus on the technology challenges of small producers.

Technology Within Mature Fields

- **Water Management**
- **Improved Recovery**
- **Operating Cost Reduction**