

**(17) Determination of CO2 Storage Capacity and ECBM Potential of Lignite Coals**

This three-year effort will seek to develop estimates of the gas content and CO2 storage capacity of lignite coals in the Fort Union Group of the North Dakota and Montana portions of the Williston Basin and to determine the potential for application of the CO2-based ECBM in those coals.

Total project cost: \$500,000

Funding request: \$400,000

Project Lead: University of North Dakota, Energy and Environment Research Center

Project Participants: North Dakota Industrial commission Oil and Gas Division; the North Dakota Department of Commerce Division of Community Services, State Energy Program; and the Montana Board of Oil and Gas

Start Date: May 23, 2005

End Date: May 23, 2008

Presentations/Publications

None.

Patents

None.

Progress in Past Quarter and Current Status