

FY98-XXVIII-78
**AN APPLICATION FOR FUNDING ASSISTANCE FOR THE CAPTURE,
COMPRESSION AND TRANSPORTATION OF CARBON DIOXIDE DERIVED
FROM THE GASIFICATION OF NORTH DAKOTA LIGNITE FOR ENHANCED
OIL RECOVERY**

CONTRACTOR: Dakota Gasification Company

PRINCIPAL INVESTIGATOR: Wayne Rickerd
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PARTICIPANTS

<u>Sponsor</u>	<u>Cost Share</u>
Dakota Gasification Company	\$104,000,000
ND Industrial Commission	<u>6,000,000</u>
Total Project Cost	\$110,000,000

Project Schedule – Application Withdrawn

Contract Date –
Start Date –
Completion Date –

Project Deliverables

OBJECTIVE / STATEMENT OF WORK

The objective of this project is to construct a pipeline and compression facility to compress and transport carbon dioxide (CO₂) from the Great Plains Synfuel plant near Beulah, North Dakota to the Weyburn Oil field near Weyburn, Saskatchewan, Canada. The goal of this project is to deliver lignite-derived CO₂ to PanCanadian Petroleum Limited, owners of the Weyburn oil field for use in enhanced oil recovery. As a result of this Project, lignite-derived CO₂ will be captured, compressed, transported, and sequestered. The Pipeline will extend 167 miles in North Dakota and 38 miles in Canada. Approximately 1.93 million tons of CO₂ per year (@ 95 MMSCFD sales 350 per year) will be captured, compressed, and transported each year during the life of the proposed 15-year project. Any sequestration credits or benefits resulting from this project will be allocated to the lignite facilities in North Dakota based on annual consumption.

STATUS

This application was withdrawn.