

Contract No. G-023-051
“Investigation of Improved Conductivity & Proppant Applications in the Bakken”
Submitted by: Energy and Environmental Research Center
Principal Investigator: Darren Schmidt

PARTICIPANTS

Sponsor

Cost Share

U.S. Department of Energy – EERC Joint Program	\$113,201
CARBO Ceramics	\$ 69,231 (in-kind)
North Dakota Industrial Commission/OGRC Funding	<u>\$150,000</u>
Total Project Cost	\$332,432

Project Schedule – 12 months

Project Deliverables:

Contract Date – June 20, 2011

Status Report: July 31, 2011

Start Date – May 1, 2011

Status Report: November 30, 2011

Completion Date: April 30, 2012

Final Report: April 30, 2012

OBJECTIVE/STATEMENT OF WORK:

The goal of the project is to improve the lateral and vertical drainage of hydrocarbons from the Three Forks and Bakken Formations by identifying the factors that lead to the collapse of propped fractures. Laboratory testing is proposed to determine whether more durable fracture conductivity can be achieved in the Bakken by altering the fracturing fluids, proppant types, and proppant concentrations.

STATUS

Contract has been signed and the work has been started.