

Oil & Gas Research Program- Grant Round 55- Application Summaries						
Application Number	Application Title	Applicant	Project Duration	Summary of Project	Funding Requested	Total Project Cost
G-55-106	Development of Formulations for the Removal of Scale from Oil and Gas Wells in the Williston Basin	University of ND (UND)	2 Years	This project develops advanced antiscalant formulations to prevent and remove mineral scale in North Dakota oil wells. The goal is to improve oil recovery, reduce operating costs, extend well life, and provide more environmentally friendly scale management solutions.	\$451,427	\$1,603,163
G-55-107	UND's Department of Petroleum Engineering Oil and Gas Research	UND's Department of Petroleum Engineering Oil and Gas Research	2 Years	This project supports the University of North Dakota's Petroleum Engineering graduate program by funding Ph.D. research, expanding the DRACOLA drilling laboratory, and advancing research on North Dakota energy priorities. The program strengthens workforce development, industry collaboration, and innovation for the state's oil and gas sector.	\$2,980,000	\$6,613,930
G-55-108	iPipe 2.0	Energy & Environmental Research Center (EERC)	24 Months	This project advances innovative technologies to improve pipeline integrity by enhancing leak detection, monitoring, and prevention. The program supports the development and commercialization of new tools to reduce pipeline releases and improve the safety and reliability of North Dakota's pipeline infrastructure.	\$400,000	\$1,450,000
G-55-110	Well Site Thief Hatch Methane Detectors	Vareberg Engineering, Ltd/ Blue Rock Solutions, LLC	18 Months	This project enhances and pilots an advanced methane detection system to improve leak detection and repair at oil and gas production sites. The technology aims to reduce methane emissions, improve monitoring efficiency, and support faster response to leaks while minimizing environmental impacts.	\$266,000	\$582,000