

Oil & Gas Research Program- Grant Round 40- Application Summaries						
Application Number	Application Title	Applicant	Project Duration	Summary of Project	Funding Requested	Total Project Cost
G-40-A	Refrac Pilot Program	Whiting Petroleum Corporation	30 Days	This project will evaluate the effectiveness of refracturing an early Bakken horizontal well using modern completion techniques to recover bypassed oil reserves and assess the potential for increased production and enhanced recovery from older wells.	\$600,000	\$1,300,000
G-40-C	UAS Aerial Observation to Support Oil & Gas Pipeline Post Construction Restoration Efforts	ISight RPV Services	3 Months	This project will evaluate the use of unmanned aerial systems (UAS) and advanced imaging technologies to monitor pipeline construction and restoration activities, identify environmental issues, and improve restoration planning and post-construction monitoring through high-resolution aerial data and analysis.	\$19,700	\$39,400
G-40-D	Bakken Production Optimization Program 2.0	The Bakken Production Optimization Program- 2.0	3 Years	This project will continue the Bakken Production Optimization Program (BPOP) by supporting applied research and industry collaboration to improve oil production efficiency, address emerging technical and environmental challenges, and develop innovative solutions that enhance resource recovery while reducing the environmental impacts of oil and gas operations in North Dakota.	\$6,000,000	\$13,280,000
G-40-E	Wellhead Reformer for Electricity Production and Other Applications	Novorocs Technologies, LLC and Blaise Energy Inc.	12 Months	This project will demonstrate a prototype system that converts Bakken wellhead gas into pipeline-quality natural gas for on-site power generation and compressed natural gas (CNG) production, reducing flaring, lowering emissions, and providing a cost-effective solution for monetizing associated gas at small- to medium-sized oil wells.	\$270,110	\$540,220