



Partnering to
Power the World

TESTING TOMORROW'S TECHNOLOGY TODAY

What is 'RMOTC'?

The Rocky Mountain Oilfield Testing Center was formed in the early 1990s to address the needs of industry, academia, and other government agencies for a place to field test new tools and technologies for oil and gas exploration and production. As America's energy resources diversify, RMOTC strives to fulfill the testing and demonstration needs of both traditional and non-traditional energy providers. Our acronym, RMOTC, represents our broader based energy testing mission, including our petroleum origins.

Who Tests at RMOTC?

RMOTC partners with service companies and equipment manufacturers to test new ideas and products leading to increased recovery or reduced operating costs. Independent oil producers leverage technologies tested at RMOTC by evaluating new recovery processes before application. Inventors test, evaluate, demonstrate, and transfer new technologies to the oil and gas industry. Environmental companies explore ways to prevent and manage environmental risks. National laboratories and government organizations field test theoretical laboratory as-

sumptions in a real-world setting. Universities teaching theory in the classroom demonstrate the real-life application in the field and conduct leading-edge research.

Where is RMOTC?

Located on the west side of the Powder River Basin, RMOTC resides within the Naval Petroleum Reserve No. 3 (NPR-3), the Teapot Dome Oil Field, near Casper, Wyoming.

Why Choose RMOTC?

RMOTC provides:

- The link between development and getting your

technology to the industry

- The opportunity to field test, document, and demonstrate the benefits of your technology
- Acceptance of the risks of production loss in a producing well
- A large geologic database, facilities, and support staff
- Professional staff with operating expertise and equipment to "tweak" your ideas on site during the test, in an actual situation, not a simulated laboratory test
- Adaptability – simulate offshore operations or renewable energy sources, for example
- Neutrality – no vested interest in any specific technology, only in supporting the energy industry by increasing production, decreasing production costs, or lessening the environmental footprint

Capabilities available:

- RMOTC offers access to equipment and a highly experienced workforce in the following areas:
- Oil and Gas Production (artificial lift, operations, enhanced oil recovery)
- Drilling (oil and gas, geothermal, mining)
- Renewable Energy (geothermal, solar, wind)
- Flow Assurance
- Bio-remediation and Beneficial Use of Produced Water
- Well Completions
- Geology, Geophysics, and Petrophysics

The Future of RMOTC

At RMOTC, we envision a state-of-the-art testing and demonstration center that builds on our existing capabilities and serves a wider range of clients. Our future will include testing services for new technologies in coal bed methane development, produced water management, reservoir characterization, carbon dioxide enhanced oil recovery, and carbon sequestration.

Contact

For a complete list of our partners and project descriptions, contact RMOTC toll-free at 888.599.2200 or visit our website at www.rmotc.doe.gov.



Office of Fossil Energy