



Partnering to
Power the World

ENERGY ASSURANCE

Objective

In response to the increased attention being given to security concerns for America's vital energy infrastructure, RMOTC is offering its remote location, oil production facilities, and experienced staff for a national homeland security demonstration and training site.

RMOTC provides a 10,000-acre operating oil field, located 40 miles north of Casper, Wyoming, to United States public or private organizations needing a remote site to:

- Test, evaluate, demonstrate, and validate new technologies, equipment, or techniques that will enhance our nation's security
- Train homeland security emergency management, first responders, law enforcement, fire fighting, and military personnel in advanced security techniques.

Background

One of the major priorities in the United States today is homeland security. Some of the many critical facilities that need protection are those associated with the production and processing of oil and gas. With hundreds of producing wells, numerous facilities, and miles of pipelines, RMOTC is an ideal site for investigating anti-terrorism applications, facilitating the creation of scenarios or simulations to test, demonstrate, or train personnel on basic and advanced security measures, sabotage identification techniques, and crisis mitigation methods.

Experience

RMOTC runs an experienced, operating oil field, complete with oil production facilities and transportation systems, along with the land, equipment, and

practical and technical experiences of its staff to help clients simulate real-world scenarios for protecting energy-related infrastructure from attack or sabotage. This can also include destructive testing on decommissioned facilities. Examples of possible homeland security testing, demonstration, and training opportunities include:



- Pipeline security, oil spill mitigation, and pipeline failure research
- Well control simulations, including various mixes of water, oil, and gas for security training and research purposes
- Spill response and management skills, techniques, and procedures
- Remote sensing and control systems for multiple and varied facilities having a large number of measurement points
- Performance-based training of military, law enforcement, security, emergency, and fire-fighting related forces in the operation of a typical working oil field

Contact

For more information or to discuss your security testing, demonstration, or training needs, contact RMOTC toll-free at 888.599.2200, or visit our website at www.rmotc.doe.gov.



Office of Fossil Energy