Sandia Technologies, LLC 832.286.0471
www.sandiatech.com

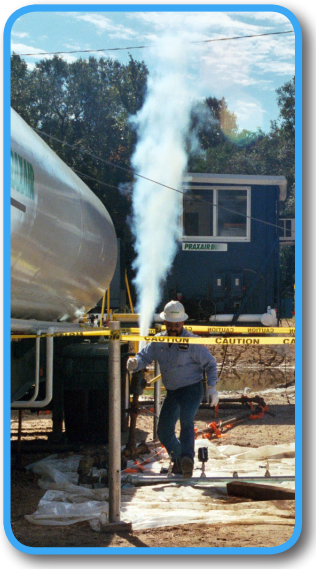
Geologic CO_2 Sequestration

Sandia Technologies, LLC has provided consulting and engineering services for carbon dioxide geologic sequestration research at pilot tests and commercial sites for over 8 years, under the U.S. Department of Energy (DOE) Regional CO_2 Partnerships, and other groups that are investigating long-term mitigation and management of CO_2 emissions.

These services include integrated project management, front end engineering design (FEED), MVA subsurface instrumentation designs, permitting, field supervision of drilling and completion operations, incorporation of subsurface geological evaluation, and technology transfer of key lessons learned. The company has unique capabilities that offer a competitive advantage with extensive consulting experience (over 25 years, on average) by its staff in petroleum exploration, development, production, and environmental waste management via injection wells.

Geologic Sequestration (GS) projects have included Class I and Class V test well permitting of geologic sequestration injection well sites with state and regulators, subsurface geologic and reservoir studies, and advocacy on U.S. EPA's proposed regulations for Class VI GS wells. The DOE recently awarded Sandia the ARRA geological characterization of the Triassic Newark Basin.

- Field Services Provider for ground-breaking Frio Brine Pilot Phases I & II (Dayton, TX)
- Collaborative design, development, and deployment of Monitoring, Verification and Accounting (MVA) instrumentation for SECARB Cranfield Phase II & Phase III projects (Cranfield, MS)
- Permitted, designed, and installed WestCarb Arizona Utilities Phase II test well (Holbrook, AZ)
- Collaborative design, permitting, and installation/ testing supervision for the Western Kentucky Deep Saline Aquifer Test well (Hancock County, KY)
- Permitting for WestCarb Northern California Phase II well (Solano County, CA)
- Awarded DOE's ARRA Geologic Characterization of Triassic Newark Basin (NY & NJ)
- Prepared Permits for Class I CO_2 well and multiple Class V geological sequestration test wells
- Competitive advantage, uniquely qualified with extensive projects in petroleum, environmental, hazardous waste management



Our field experience with CO_2 injection wells for U.S. DOE Regional CO_2 Partnership GS pilot projects is unmatched by any other firm. We have an extensive list of accomplishments in FEED studies, injection well drilling and completions, reservoir testing, and novel subsurface instrumentation MVA development programs collaborating with U.S. National Laboratories for both saline pilot test wells and active enhanced oil recovery (EOR) sites.

Sandia offers superior project capabilities that prioritize safety, regulatory assessment, and compliance within a framework of cost-effective and innovative technical solutions. Our team of experienced injection well specialists uses an integrated project management system to identify and minimize risk and uncertainty. Core competencies include up-front feasibility studies, injection well permitting, well engineering design, drilling and completion, complex reservoir and borehole monitoring, MVA design and deployment, and safety-first field management.

Let us provide a consultation and discuss your project needs.
Please call 832.286.0471 or email us at info@sandiatech.com.