



LEADING THE WAY with Engineered Solutions

Who we are. What we do. Why we matter.

Our Mission

To provide Quality Service and Cost-Effective Solutions for our client's needs while maintaining our high standards of *Safety & Environmental Advocacy*.


Who we are

Sandia Technologies, LLC is a privately owned engineering and consulting company established in 1996, and based in Houston, Texas. The company is a leader in waste water injection well consulting and research of geologic sequestration of CO₂. Sandia maintains an excellent reputation among federal and state regulators, industry clients, and its peers. Sandia has considerable experience and expertise in petroleum, environmental, and CO₂ injection well applications. We are staffed with professional geologists, petroleum engineers, well specialists, reservoir engineers, and GIS-CAD technicians.

What we do

The company's major focus is to provide subsurface geological and reservoir evaluation, injection well permitting, and engineering consulting services to further underground injection well disposal applications and storage technologies. Consulting and training is provided to injection well operators at a diverse range of industrial facilities including: chemical plants, utility and power generation plants, petroleum production and refineries, gas storage fields, mineral processing sites, food processing plants, and CO₂ sequestration sites.

- Multi-disciplinary Geological and Engineering consulting firm
- Principals each have over 20-years experience in the injection well industry
- Staffed with Geologists, Engineers, Well Specialists, and GIS-CAD Technicians
- Permitting experts in Class I, II, V, and proposed Class VI injection wells
- Subsurface mapping, reservoir analysis and modeling, formation evaluation
- Well drilling, completion, re-completion, and remedial solutions
- Contributor and researcher in pilot tests and studies for geologic sequestration of CO₂
- Field services provider for DOE Regional CO₂ Partnership Phase II and III



Sandia is in the forefront of CO₂ research projects for both saline aquifer geologic sequestration and enhanced oil recovery operations. The company is currently providing project management, field supervision, engineering, and consulting services on numerous U.S. Department of Energy (DOE) Regional CO₂ Partnership pilot tests. Additionally, the company is co-investigator and principal researcher in a recent DOE award for geologic characterization of the Triassic Newark Basin for potential CO₂ sequestration.

Why we matter

Sandia provides innovative and cost-effective technical and environmental consulting solutions to industrial waste water generators, natural gas storage operators, and carbon sequestration operators. These solutions all require intimate knowledge of injection well technology, which has been proven as a safe and effective method for waste disposal, hydrocarbon storage, and carbon sequestration, while remaining protective of our groundwater resources.

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