

Ohio CO₂ sequestration test well completed

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The U.S. Department of Energy said an 8,000-foot-deep well has been completed in Ohio in preparation for a geological sequestration field test.

The Midwest Regional Carbon Sequestration Partnership recently completed drilling the well at a FirstEnergy Corp. plant near Shadyside, Ohio, located along the Ohio River near Moundsville, W.Va.

Geologic sequestration -- the permanent storage of CO₂ in oil and gas wells, unmineable coal seams, saline reservoirs and other geologic formations -- is part of a broad approach for reducing greenhouse gas emissions from coal-fired electric power and similar plants.

The Ohio field test is designed to determine the feasibility of storing CO₂ in deep saline formations in the Appalachian Basin.

After the test has been completed, the 1 1/2-mile-deep well will be plugged or capped, officials said.

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