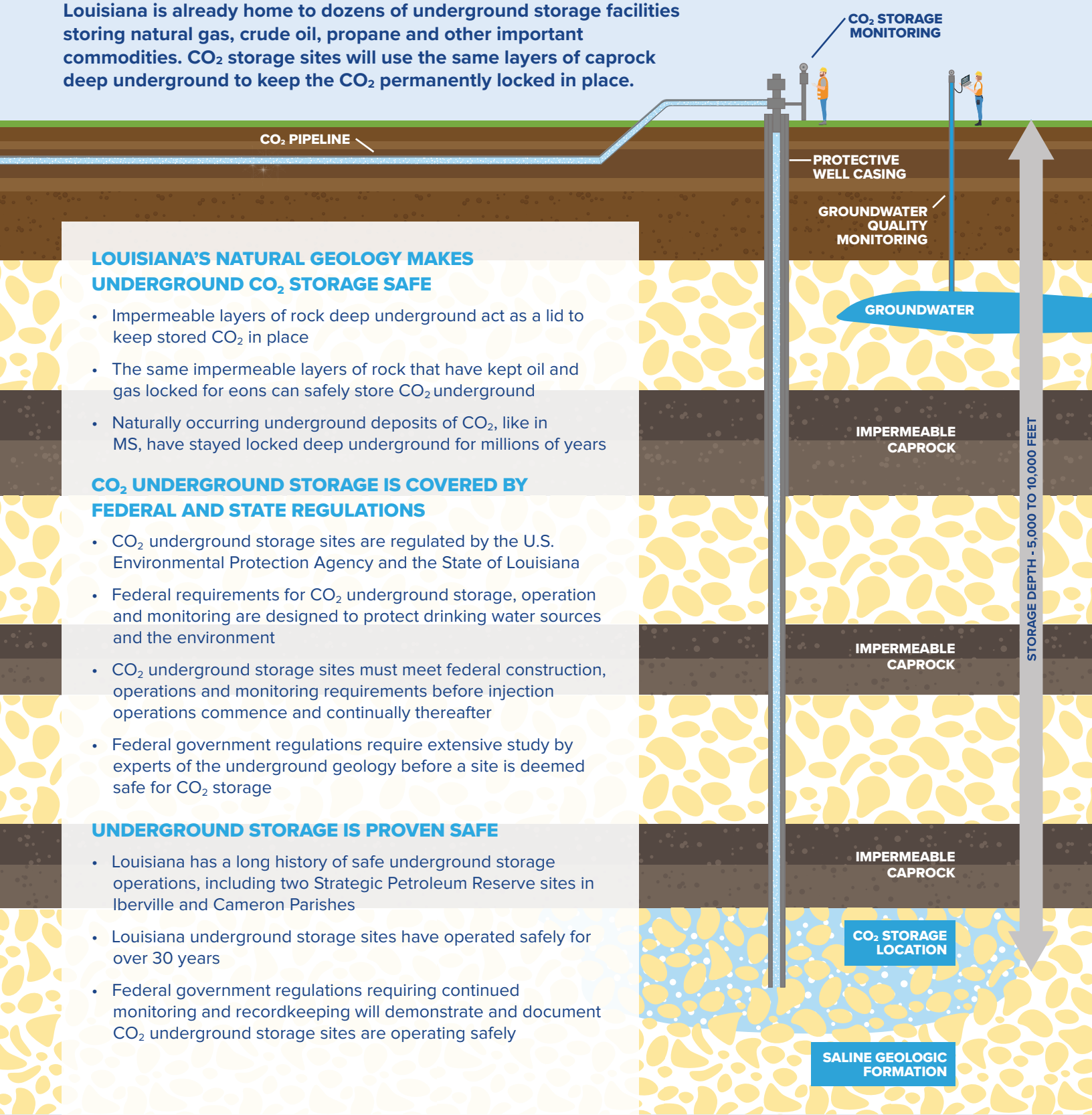
CO_2 UNDERGROUND STORAGE SAFETY

LIQUID ENERGY PIPELINE ASSOCIATION

Louisiana is already home to dozens of underground storage facilities storing natural gas, crude oil, propane and other important commodities. CO_2 storage sites will use the same layers of caprock deep underground to keep the CO_2 permanently locked in place.



LOUISIANA'S NATURAL GEOLOGY MAKES UNDERGROUND CO_2 STORAGE SAFE

- Impermeable layers of rock deep underground act as a lid to keep stored CO_2 in place
- The same impermeable layers of rock that have kept oil and gas locked for eons can safely store CO_2 underground
- Naturally occurring underground deposits of CO_2, like in MS, have stayed locked deep underground for millions of years

CO_2 UNDERGROUND STORAGE IS COVERED BY FEDERAL AND STATE REGULATIONS

- CO_2 underground storage sites are regulated by the U.S. Environmental Protection Agency and the State of Louisiana
- Federal requirements for CO_2 underground storage, operation and monitoring are designed to protect drinking water sources and the environment
- CO_2 underground storage sites must meet federal construction, operations and monitoring requirements before injection operations commence and continually thereafter
- Federal government regulations require extensive study by experts of the underground geology before a site is deemed safe for CO_2 storage

UNDERGROUND STORAGE IS PROVEN SAFE

- Louisiana has a long history of safe underground storage operations, including two Strategic Petroleum Reserve sites in Iberville and Cameron Parishes
- Louisiana underground storage sites have operated safely for over 30 years
- Federal government regulations requiring continued monitoring and recordkeeping will demonstrate and document CO_2 underground storage sites are operating safely