DIAMOND VAULT

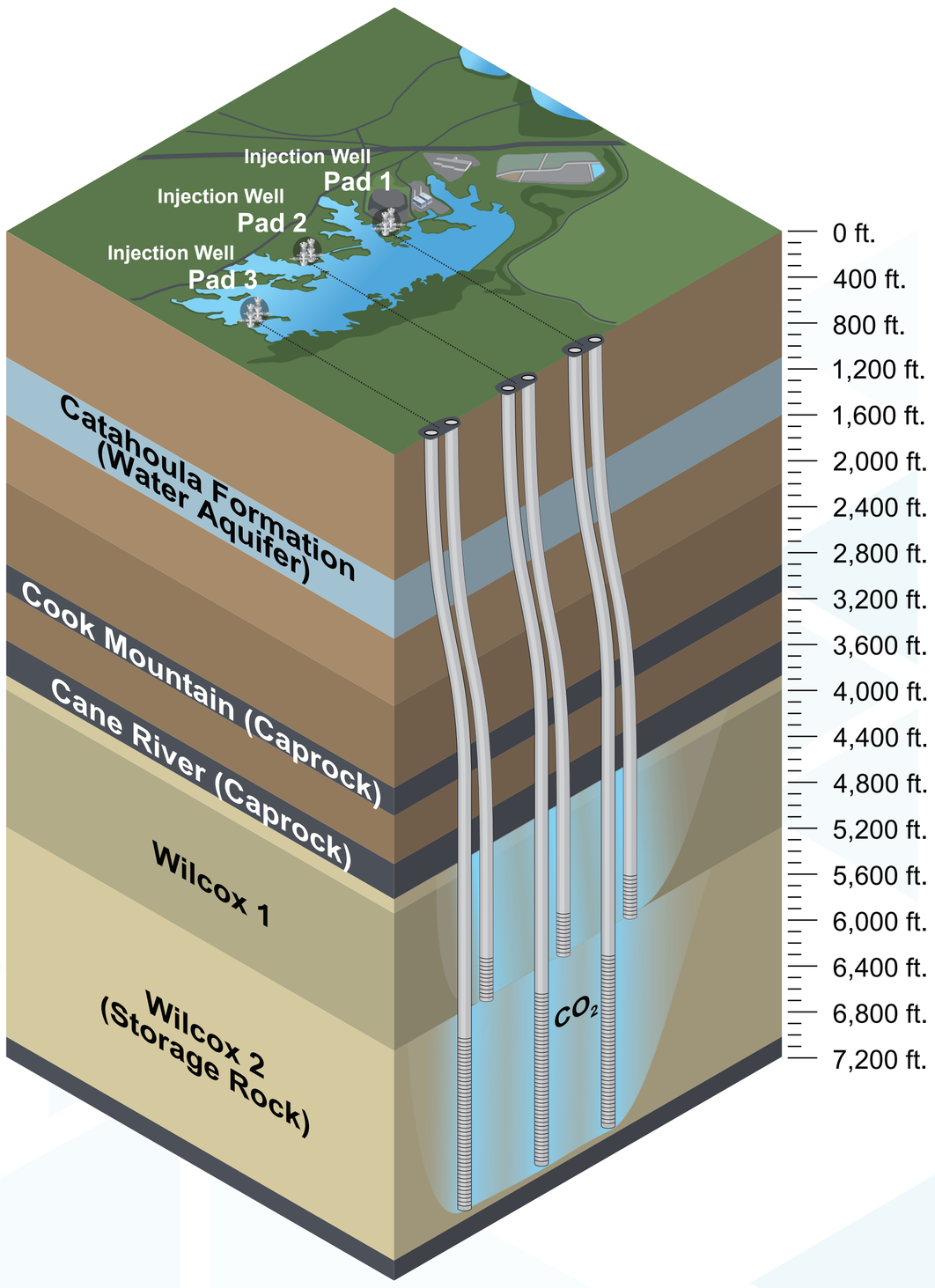
A CLECO PROJECT

CARBON DIOXIDE (CO_2) **STORAGE**

Geologic sequestration is the process of injecting carbon dioxide (CO_2), captured from Cleco's Madison 3 power plant, into deep subsurface rock formations for permanent storage. This is the "storage" part of the "carbon capture and storage" (CCS) process. CO_2 will be captured and stored in geologic formations below Cleco's Brame Energy Center in Lena, La.

Project Note

The Environmental Protection Agency (EPA) requires Cleco to apply and gain approval for a Class VI well permit to inject CO_2 into deep rock formations. Class VI well permit requirements are designed to protect underground sources of drinking water.



Injection Well Pad:

The three injection well pads are where the CO_2 will be injected and then stored underground in geologic formations. These wells are designed to provide multiple layers of protection.

Catahoula Formation:

This is the area of the deepest underground source of drinking water.

Confinement/Top Seal (Caprock):

Well-documented presence of the Cane River and Cook Mountain formation, isolating the CO_2 injection from the underground sources of drinking water.

Wilcox:

This is the geologic formation and the underground location where CO_2 is being injected and stored.

Visit the Project Diamond Vault website for more information.
Cleco.com/DiamondVault

How can I provide feedback and ask questions?
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