

# CTV Vaults

California Resources Corporation (CRC) and its carbon management business, Carbon TerraVault (CTV), have identified up to 1 billion metric tons (MT) of carbon dioxide (CO<sub>2</sub>) permanent storage capacity across California that will help contribute to the decarbonization of the state. CRC has applied for several Class VI permits to the U.S. Environmental Protection Agency (EPA) for permanent carbon capture and storage (CCS) vaults across California, with total potential CO<sub>2</sub> storage capacity of 352 million MT.



## CTV I – Kern County

CTV I is a CCS site composed of two depleted oil and natural gas reservoirs – “26R” and “A1-A2”. Together, these reservoirs make up CTV I, which is located within the CTV Clean Energy Park at Elk Hills Field in Kern County, California. **With a total estimated capacity of up to 46 million MT of storage, the reservoir is expected to store up to 1.6 million MT of CO<sub>2</sub> per year**, equivalent to the annual emissions of nearly 400,000 passenger vehicles, offsetting the impact of more than 200,000 American household’s energy use.

The first CO<sub>2</sub> injection at CTV I took place in May 2026, with injections beginning in the 26R reservoir—**marking a historic milestone for California as the state’s first U.S. EPA Class VI carbon storage injection** and a major step forward for in-state carbon capture and storage development.

CRC is developing carbon management solutions to serve a range of essential California industries. Our focus is on sectors where emissions are difficult to eliminate but critical to reduce—helping enable practical, scalable decarbonization. This includes current and future partnerships in agriculture, construction, renewable fuels, hydrogen, power and transportation.



Agriculture



Construction



Renewable Fuels



Hydrogen



Power



Transportation

CRC has completed construction for a capture, transport and storage project at the CTV Clean Energy Park that will remove approximately 100,000 metric tonnes per annum (MTPA) of associated CO<sub>2</sub> from inlet gas used for the Elk Hills Power Plant for permanent sequestration at the CTV I reservoir. By capturing and permanently storing CO<sub>2</sub> from the company’s operations, **CRC is reducing its net operational emissions and lowering the carbon intensity of the power it delivers to Californians.** This will further reduce CRC’s emissions from the hydrocarbon products produced from the Elk Hills Field and support CRC’s Responsible Net Zero goal on Scope 1 and 2 greenhouse gas (GHG) emissions by 2045 and the company’s near-term ambition of a 20% reduction of the average carbon intensity of all CRC oil and gas production by 2035.

CRC’s CTV I project is expected to store up to **1.6 MILLION MT OF CO<sub>2</sub> ANNUALLY**



Equivalent to the annual emissions of nearly **400,000 PASSENGER VEHICLES**



offsetting more than **200,000 AMERICAN HOUSEHOLDS’ ENERGY USE**

## CTV II & III – Sacramento Basin

CRC applied for two Class VI permits for **94 million MT of permanent CO<sub>2</sub> storage** for two new CCS vaults – CTV II and III – in the Sacramento basin.

## CTV IV – Sacramento Basin

CRC applied for a Class VI permit for **34 million MT of permanent CO<sub>2</sub> storage** for the CTV IV CO<sub>2</sub> reservoir in the Sacramento Basin.

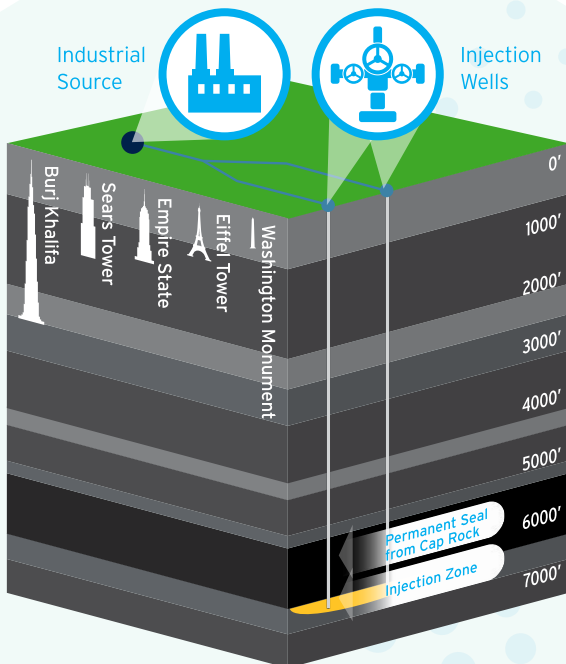
## CTV V – Sacramento Basin

CRC applied for a Class VI permit for **17 million MT for the CTV V CO<sub>2</sub> reservoir** in the Sacramento Basin.

## Additional CTV Projects

Additional CTV projects are underway. For more information on CTV and other CTV projects, visit [crc.com/carbon-terravault/storage-sites](http://crc.com/carbon-terravault/storage-sites)

Total potential storage capacity for all Carbon TerraVault projects to be built around California in the years ahead is approximately **352 MILLION MT OF CO<sub>2</sub>**



Carbon capture and storage (CCS) provides real solutions for reaching and maintaining carbon neutrality, and helping California meet its ambitious climate goals. According to the International Energy Agency, CCS is one of the only technology solutions that can "...deliver the deep emissions reductions needed across key industrial processes..., all of which will remain vital building blocks of modern society." That's why CRC's Carbon TerraVault is delivering and developing pathways that offer both immediate decarbonization benefits and long-term solutions to reach and maintain carbon neutrality.