

# The West Ranch CO<sub>2</sub>-EOR Project

NRG FACT SHEET



Proposed CO<sub>2</sub> Pipeline Route

## Project Overview

Petra Nova will use proven Enhanced Oil Recovery (EOR) technology to support continuing oil production at the West Ranch Oil Field in Jackson County. EOR uses carbon dioxide (CO<sub>2</sub>), and Petra Nova will supply CO<sub>2</sub> captured from the flue gas of the WA Parish plant that previously would have been emitted into the atmosphere.

Petra Nova will safely move the CO<sub>2</sub> from the WA Parish plant to the West Ranch Oil Field through an 80-mile-long pipeline running through Fort Bend, Wharton and Jackson counties.

The 12-to 16-inch pipeline will be buried in accordance with the Department of Transportation standards with a minimum of three feet of cover except at river and stream crossings,

where the depth of cover will be a minimum of five feet. The only above ground facilities currently expected will be meter stations at the WA Parish plant and the West Ranch Field.

Hilcorp Energy Company operates the West Ranch Field, which was discovered in 1938, and has been in continuous operation ever since. Since then, it has produced approximately 390 million barrels of oil. The West Ranch Field covers approximately 11,500 acres, and the target zone for CO<sub>2</sub> injection is roughly 4,000 acres. The wells utilized for CO<sub>2</sub> injection are more than a mile deep. Under the Petra Nova partnership, the field will continue to be safely operated by Hilcorp.

## FOR MORE INFORMATION, CONTACT:

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