

September 13, 2023

JX Nippon Oil & Gas Exploration Corporation

Restart of the large-scale Petra Nova Carbon Capture Facility in the U.S.

We are pleased to announce that the Carbon Capture Facility of the Petra Nova CCUS (Note 1) Project, owned by Petra Nova Parish Holdings LLC, a consolidated subsidiary of JX Nippon Oil & Gas Exploration Corporation ("JX Nippon") (CEO: Toshiya Nakahara), which had been shut down since May 2020, restarted operations on September 5, 2023 (local time) .

The Petra Nova CCUS Project, which captures CO₂ from the flue gas of a thermal power plant and injects the captured CO₂ into an oil field to increase in crude oil production. The Carbon Capture Facility of this project, is one of the largest carbon capture facilities in the world, can capture greenhouse gas (CO₂) approximately 1.4 million metric tons per year. Last September, in order to further expand our knowledge of CCUS technology, we acquired an additional 50% interest in Petra Nova Parish Holdings LLC, making it a consolidated subsidiary.

The ENEOS group to which JX Nippon belong is taking on the challenge of achieving both "a stable supply of energy and materials" and "the realization of a carbon-neutral society" and has been working to achieve carbon neutrality of its emissions by FY2040.

We consider CCS (Note 2) /CCUS to be an effective means to achieve carbon neutrality. We believe that JX Nippon's accumulated knowledge and technology in this field, including through the Petra Nova CCUS project, is crucial to achieving ENEOS group's commitment to "the realization of a carbon-neutral society" and we will continue our efforts to advance our CCS/CCUS business.

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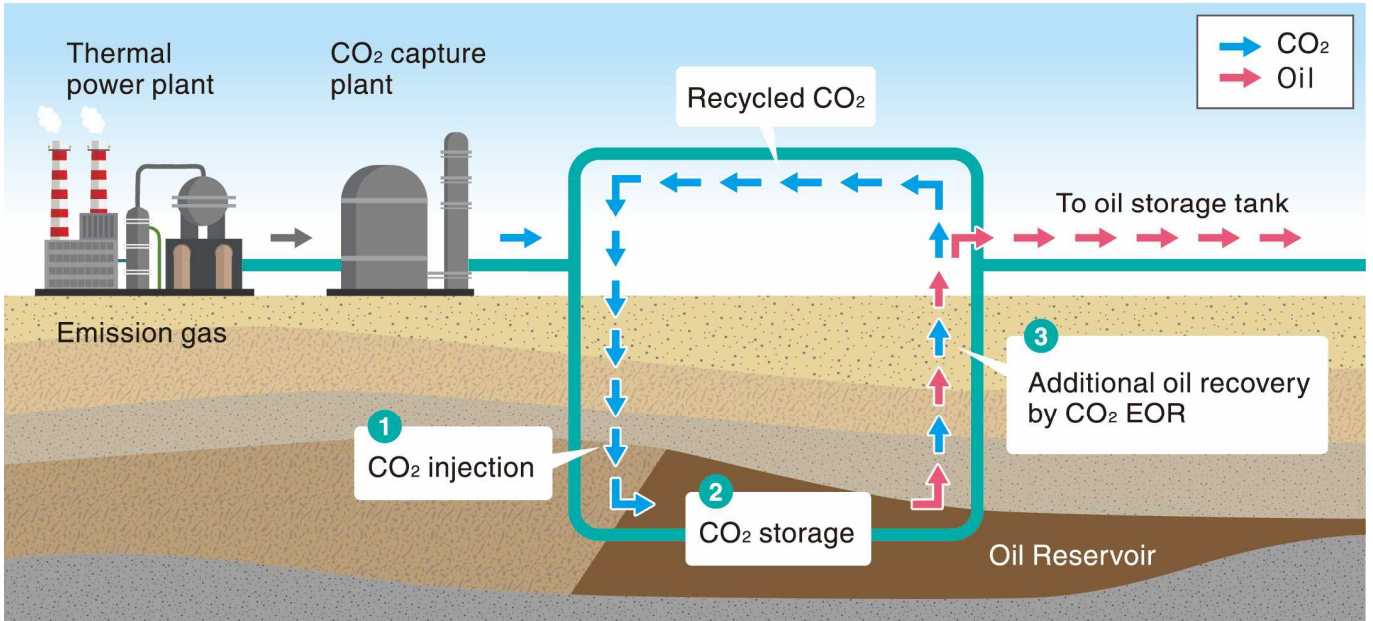
(Note 1) CCUS: Carbon dioxide Capture, Utilization and Storage, in addition to capturing and storing CO₂, CCUS technology is used to generate new products and energy.

(Note 2) CCS: Carbon dioxide Capture and Storage, Captures CO₂ emissions and injects and stores it underground.

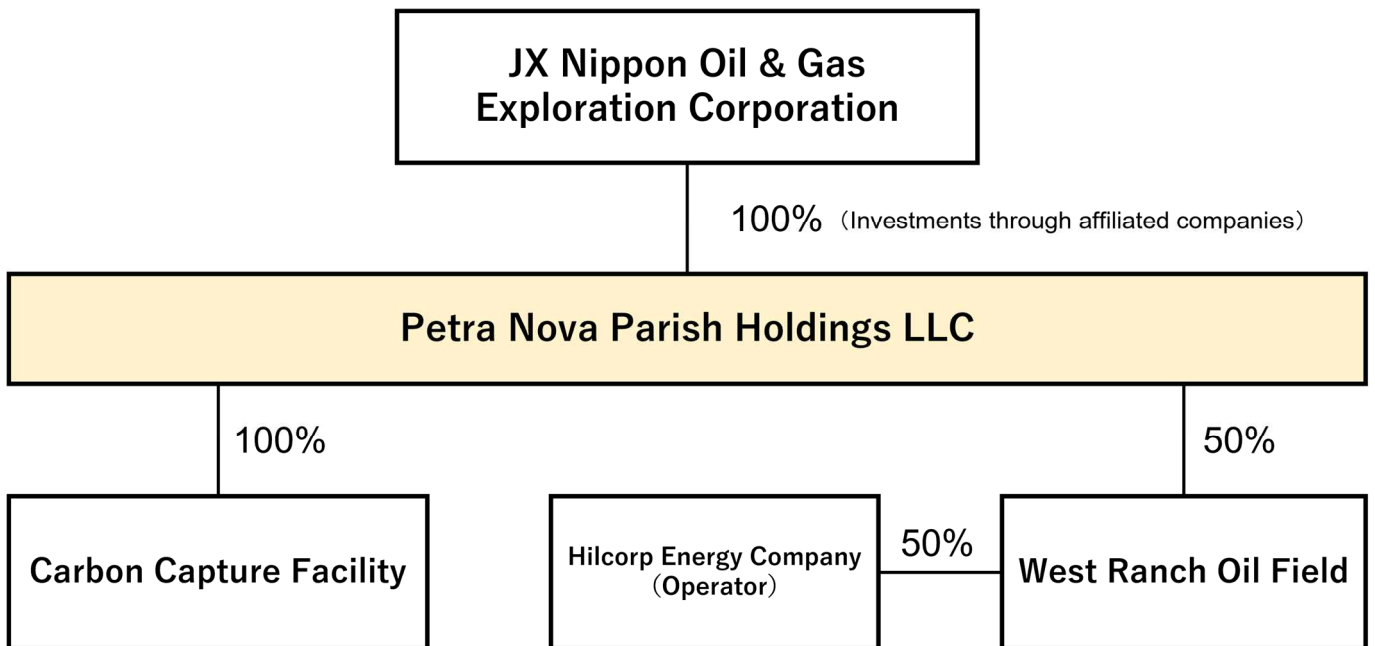


【Reference information】

1. The Petra Nova CCUS Project conceptual scheme



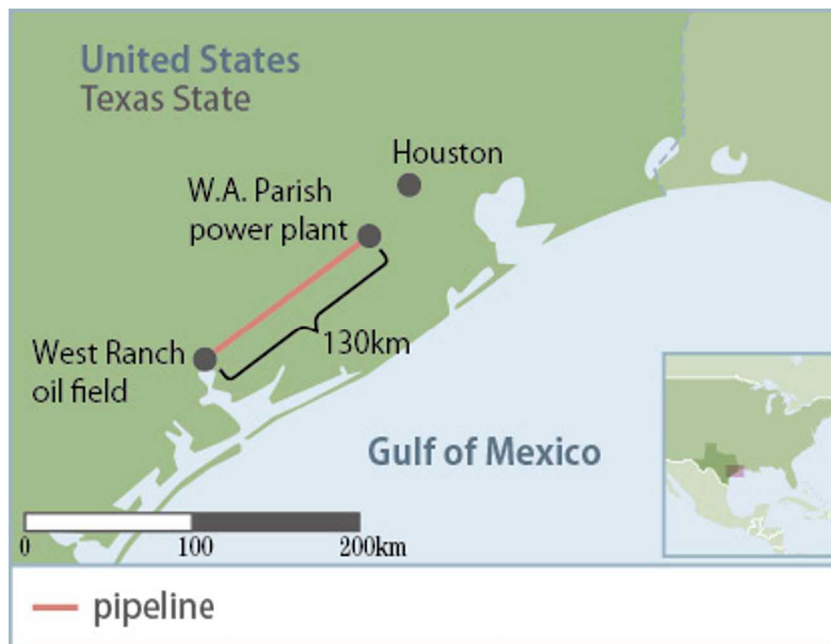
2. The Petra Nova CCUS Project scheme



3. Carbon Capture Facility of the Petra Nova CCUS Project



4. The Petra Nova CCUS Project location



The carbon capture facility of the Petra Nova CCUS Project is located at the W. A. Parish power plant in the state of Texas, U.S.A. NRG Energy Inc. owns the thermal power plant.