



Note: The following is an English translation of the Japanese-language original.

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[Press Release]

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Signing of a Joint Study Agreement on Inter-Well CO₂ Injection Test at Sukowati Oil Field, Indonesia

Japan Petroleum Exploration Co., Ltd. (hereinafter “JAPEX”), PT Pertamina (Persero), the national energy company of Indonesia (Pertamina), PT Pertamina EP (PEP), and Japan Organization for Metals and Energy Security (JOGMEC), have signed a Joint Study Agreement (hereinafter the “JSA”) to conduct an inter-well carbon dioxide (CO₂) injection test (hereinafter, the “Test”) at the Sukowati oil field in East Java province of Republic of Indonesia (hereinafter “Indonesia”).

This JSA aims to develop a larger-scale inter-well injection test based on the results of a small-scale injection test ^(*1) using the Huff & Puff method ^(*2) with a single well to verify the effects of CO₂ injection, CO₂-EOR (Enhanced Oil Recovery) and CO₂ storage that was carried out in the fiscal year 2023. Through this JSA, the parties will develop a test plan and proceed with the execution of the Test.

This JSA was unveiled as an ongoing project at the Asia Zero Emission Community (AZEC) ^(*3) Ministerial Meeting held in Jakarta, Indonesia on August 21.

JAPEX will continue its efforts towards commercialization of the carbon-neutral businesses in Japan and abroad, including the Test, aiming for growth as a “comprehensive energy company” that meets the needs of the times and further enhances its corporate value.

Notes)

*1: Please refer to the press release on December 8, 2023 “[Commencement of CO₂ Injection Field Test at Sukowati Oil Field in Indonesia](#)”.

*2: One of the CO₂-EOR methods, in which CO₂ is injected and produced in a single well. It consists of three stages: CO₂ is injected underground (Huff), the CO₂ is allowed to penetrate sufficiently to come into contact with oil (Soaking), and then the oil is produced together with the CO₂ (Puff).

*3: A framework among Asian countries that aims to simultaneously achieve decarbonization, economic growth, and energy security.

(Reference Photo)



Unveiling of the project with the ministers of both countries at the AZEC Ministerial Meeting

(Reference: Participants related in the above photo, from left side)

YAMADA Tomomi - Managing Executive Officer and President of Overseas Business Division II, JAPEX

MORI Hiroyuki - Executive Vice President of Energy Business Unit, JOGMEC

SAITO Ken - Minister of Economy, Trade and Industry in Japan

Rosan Roeslani - Indonesia's Minister of Investment

Oki Muraza - Senior Vice President of Technology Innovation, Pertamina

Zulfikar Akbar - General Manager Zone 11, PEP

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