



Maximizing Mahakam Energy Potential

PHI is the holding company of PT Pertamina Hulu Mahakam (PHM), the operator of the Mahakam Working Area. PHM is one of the main gas and oil producers in Indonesia.

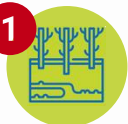
PHM was established on 29 December 2015 and officially started to manage WK Mahakam as of 1 January 2018. WK Mahakam covers an area of 3,266.44 sq km, stretching from the Mahakam River delta (swamp) to the Makassar Strait (offshore) in East Kalimantan province.


PHM manages seven oil and gas fields: Bekapai, Handil, Tunu, Tambora, Peciko, Sisi Nubi, and South Mahakam. Most of these fields have been in production for more than 40 years. It is directly proportional to the age of their production facilities. With this condition, the fields in WK Mahakam have made various efforts to retain them so that the economic level of the fields can be maintained without compromising the safety aspect.


As the parent company, we support PHM’s decision to apply the appropriate new technologies to maximize the potential of WK Mahakam and optimize operating and production costs. Some of these technologies include: rigless drilling using a Hydraulic Workover Unit (HWU), Bottom Hole Assembly (BHA) equipped with metal-to-metal seals to increase the Rate of Penetration (ROP), and High Expansion Straddle Packer—applied for the first time in Indonesia.


In 2023, the average production of PHM was 26.4 thousand barrels of oil per day (MBOPD) and 519.1 million standard cubic feet of gas per day (MMSCFD).


PT Pertamina Hulu Mahakam


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1 WK Mahakam extends **3,266.44 km²** from the swamp area of the Mahakam river delta to the waters of the Makassar Strait (offshore). The size of WK Mahakam is nearly 6x the area of DKI Jakarta Province
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2 By 2023, PHM is able to produce oil and condensate of more than **26.4 thousand barrels of oil per day (MBOPD)**. Meanwhile, gas production (wellhead) reached **519.1 million standard cubic feet of gas per day (MMSCFD)**
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3 More than **1,700 km** of pipelines (almost the same as the distance between Jakarta and Bima)
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4 30 offshore platforms
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5 77 delta platforms
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6 6 processing areas