

BERITA ONLINE

BERNAMA

TARIKH : 26 NOVEMBER 2022



BUSINESS

NanoMalaysia launches Synergy 10AS Nano additive for oil and gas industry



25/11/2022 05:28 PM

KUALA LUMPUR, Nov 25 (Bernama) -- NanoMalaysia Bhd (NMB) has announced the launching of a revolutionary and patented drilling fluid for application in the oil and gas industry called Synergy 10AS Nano.

In a statement today, NMB said the launch is following a four-year test and development phase aligning with Malaysia's National Energy Policy to reduce carbon emissions via energy efficiency improvements.

The Graphene-Carboxymethyl Sago-Starch (Graphene-CMSS)-based fluid loss additive is an innovative, green and cost-effective replacement for commercially available additives.

The Graphene-CMSS project was a collaboration between NMB, MY Synergy Factors (M) Sdn Bhd and Universiti Teknologi Petronas with an investment of about RM1.75 million under the National Graphene Action Plan 2020.

"Synergy 10AS Nano is developed to resolve the high cost of drilling operations to control the fluid-loss properties of drilling fluids (DF) at high pressure, high temperature (HPHT) and customer demand for HPHT DF loss additive products at a competitive price.

"Synergy 10AS Nano is benchmarked on the Petronas Technical Standards, proven to perform well under geothermal conditions of 175°C to 350°C and enhance rheological and filtration loss properties. It can also be up to 40 per cent cheaper than its competitors," NMB said.

Current production capacity is up to 10 tonnes per month and in the near term, the venture will focus on locally established drilling projects, a specific addressable market with an annual growth rate of five to eight per cent, and worth around RM350 million.

-- BERNAMA