

# PTTEP hosted APDT conference in petroleum drilling for the industry's smart and sustainable future

A key conference comprising prominent members of the world's petroleum industry was recently held in Bangkok, with PTT Exploration and Production Public Company Limited (PTTEP) hosting the event.

3A The 12<sup>th</sup> IADC/SPE Asia Pacific Drilling Technology (APDT) Conference and Exhibition showcased the latest developments in oil and gas drilling operations, with more than 1,000 industry professionals gathering from over 30 countries worldwide joining to discuss and share ideas to advance drilling operations and improve overall efficiency and profitability.

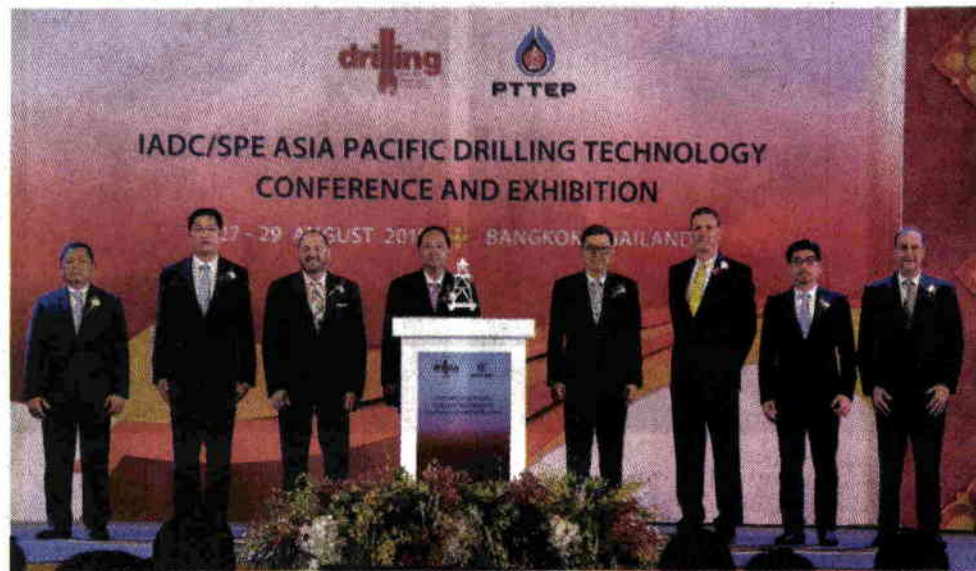
APDT is a biennalevent rotating within Asia Pacific featuring the world's leading drilling companies. It was the 12<sup>th</sup> held in Bangkok on August 27-29, 2018 at Bangkok Convention Centre at CentralWorld in Bangkok.

The event provides the opportunity for professionals from oil & gas firms, suppliers, contractors, and service companies to meet, discuss, evaluate, and share knowledge and ideas to advance drilling operations, promote solutions to common problems, and improve overall efficiency and profitability.

The event this year was aimed at "Reshaping for a Smart and Sustainable Future", proudly hosted by PTT Exploration and Production Public Company Limited (PTTEP). The event also featured technical presentations, high-level industry addresses and executive plenary sessions, interactive panel and special sessions and more than 90 technical sessions as well as showcase of the latest drilling innovations, services, and solutions.

A number of keynote speakers made statements in the opening session, with Somporn Vongvuthipornchai, Chief Executive Officer of PTTEP, as the 2018 APDT Conference Chairman, stating that the oil and gas industry has altered significantly due to evolving challenges such as oil price volatility and digital disruption, which requires new approaches in applying business





models and technologies to achieve cost and operational efficiencies smartly and sustainably.

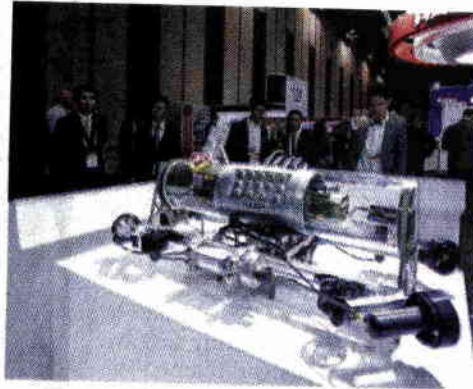
Somporn said that “The APDT Conference in Thailand provides a vibrant platform for knowledge transfer and networking for industry professionals to share experiences as well as to showcase the latest industry advancements. Drilling operations are an essential part in oil and gas investment in order to explore, appraise and produce oil and gas from underground reservoir. Therefore, the main challenge is to apply new technologies or procedures to improve drilling efficiency in order to achieve its business objectives.”

For PTTEP, the company had developed drilling technology in the Gulf of Thailand,

namely “Slimholemonobore completion”, the well redesign completely overhauled with smaller holes utilized, enabling fast drilling as well as reducing cost while maintaining efficiency in drilling operations.

This standardized technology is now commonly used in the Gulf of Thailand and other areas. Other showcases are drilling and completion technology for longer lateral well to increase reservoir targets reachable as well as enhancement in equipment endurance to better withstand high-temperature operation which is the challenging character of petroleum reservoirs in the Gulf of Thailand.

In conjunction with the conference, an exhibition showcased the latest industry advancements from almost 30 companies. Also, PTTEP has an exhibition booth, under the theme “Pride of Thailand”, which exhibited its legacy assets in Thailand, namely, Sirikit Field, Bongkot Field and Arthit



Field, which are vital sources of energy supply for Thailand.

PTTEP also revealed its advanced technology and innovation, developed in collaboration with its R&D partners from other institutions, such as Autonomous Underwater Vehicles (AUV) to improve the efficiency of subsea equipment inspection such as oil and gas pipelines, In-pipe Inspection Robot (IPIR) to identify damage and conditions inside the pipelines and Multipurpose Plant Inspection Octocopter (MPIO) with 30x optical zoom function, allowing easier inspection of facilities and equipment in high area.

Phongsthorn Thavisin, President, Exploration and Production of PTTEP, stating that these technologies not only help improve PTTEP operational and cost efficiency, but also increase operational safety, and most importantly, support PTTEP's exploration and production activities to strengthen energy security for the nation.

\*IADC stands for International Association of Drilling Contractors, which was founded in 1940 and now has offices in many countries including Thailand and across the United States.

\*APDT stands for Asia Pacific Drilling Technology

\*SPE stands for Society of Petroleum Engineers, founded officially as SPE, and becoming a separately incorporated organization in 1985