

HH Awarded Contract of High-end Artificial Island Drilling Rigs

On July 16, 2024, Dongfang Honghua signed contract of several sets 3000HP artificial island cluster wells drilling rigs with a global leading oil enterprise, with an aggregate amount of RMB 1.5 billion.



The rig is ground-breaking AI-enabled with Artificial Intelligence + Island cluster drilling' technology developed by Dongfang Honghua. The successful signing of the

Contract demonstrates that Dongfang Honghua high-end smart drilling rig is highly recognized by the world's top drilling contractor, and further consolidated Dongfang Honghua's leading position in the global high-end and smart drilling rig market.

The Client is one of the largest drilling contractors in the Middle East region, which is mainly engaged in conventional and unconventional oil and gas resources exploitation services. Dongfang Honghua and the Client have established a long-term and friendly cooperation relationship for many years.



The awarded new artificial island cluster well fast moving smart drilling rig is equipped with Dongfang Honghua's most advanced **'AI artificial intelligence'** and **'Island cluster well drilling technology'**.

The rig adopts mechanical and electrical digital integration design, with the features of advanced intelligence drilling technology, automated handling tools and offline standing building technology, zone management system(ZMS), battery energy storage system & power manage system, as well as online monitoring technology etc. At the same time, the rig is equipped with fast moving modules, meeting the requirement of drilling multi-row cluster wells on artificial islands, which greatly improves the working efficiency, and realizes convenient moving as well as reliable & economical operation.



The new artificial island smart drilling rig is a concentrated embodiment of new quality productive forces, marking China's intelligent equipment to the world, and leading the future development direction of artificial island smart drilling rig.

The Client's CEO highly praised the partnership and said the ‘The new artificial island drilling rigs will be the most advanced and intelligent in the world, and will be the most transformative technology of our generation, we look forward to working with Dongfang Honghua to bring a new revolution to the oil industry and change the world together’.

This cooperation is a vivid practice of the high-quality Belt and Road cooperation between the two companies, and will

also write a new chapter for deepening the sincere cooperation between the two parties in the oil and gas field.

Extension reading

In 2014, Dongfang Honghua delivered 9 sets 3000HP artificial island rigs to ADNOC Drilling Company, and the top 5 longest wells in the world have been delivered from the Zakum islands off the coast of Abu Dhabi by these rigs, while the most recently delivered world record was over 15,850 meters.



In 2023, Dongfang Honghua released HH Smart rig 1.0, which contains six technologies of 'rapid tripping system',

‘multi-source sensing’, ‘variable frequency direct drive’, ‘green and low-carbon’, ‘digital drilling’ and ‘intelligent operation& maintenance’, which defines a new generation of oil and gas exploitation model with such new functions as equipment automation, operation process standardization, drilling process intelligence, and low carbonization of power energy etc.

