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Oil platform uses folding containers for communication





Overview

What are oil platforms?

They are equipped with the necessary machinery and facilities to support offshore energy production. Or "Oil platforms are large structures used for drilling and extracting oil and gas in lakes, coastal waters, and on the continental shelf, often connected to remote wells.

What are offshore oil and gas platforms?

Offshore oil and gas platforms are complex structures designed to extract hydrocarbons from beneath the seabed. These platforms play a crucial role in meeting the world's energy demands, as a significant portion of global oil and gas reserves are located offshore.

Why are offshore oil and gas platforms important?

Offshore oil and gas platforms are vital to the global energy supply chain. According to the International Energy Agency (IEA), offshore oil production accounts for approximately 30% of global oil output 1.

How do oil platforms work?

Oil platforms are designed to operate in challenging and varied environments, ranging from shallow waters to extreme ocean depths. They are equipped with advanced technology to drill the seabed and extract the oil or gas, which is then processed and transported for refining and distribution.



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[Communications for Oil & Gas , Hitachi Energy](#)



Extreme outdoor conditions are typical in many of these fields such as intense cold, ice and snow, searing heat, heavy dust, high humidity, strong wind, torrential rain, and salt fog. ...

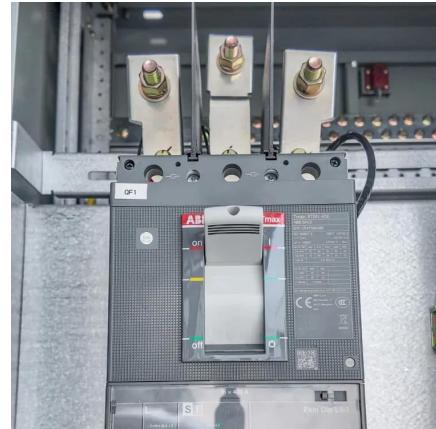
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[Offshore Platforms: Classification, Technologies, ...](#)

Abstract. Offshore platforms deal with challenges brought by the marine environment, providing workplaces for oil production, wind energy, and marine research. ...

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