

Managed Pressure Drilling Services Market Report by Technology (Constant Bottom Hole Pressure, Mud Cap Drilling, Dual Gradient Drilling, Return Flow Control Drilling), Application (Onshore, Offshore), and Region 2024-2032

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Abstracts

The global managed pressure drilling services market size reached US\$ 3.7 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 5.3 Billion by 2032, exhibiting a growth rate (CAGR) of 3.9% during 2024-2032.

Managed pressure drilling (MPD) aids in controlling the annular pressure profile precisely throughout the wellbore. It helps avoid the continuous influx of formation fluids to the surface and enables a more accurate bottom hole pressure management, resulting in fewer pressure fluctuations and improved control of the well. It facilitates operators drilling complex onshore wells and workers drilling from mobile offshore drilling units (MODUs) with a surface blowout preventer (BOP). At present, MPD services find applications in the oil and gas sector across the globe as they are cost-effective and reliable.

Managed Pressure Drilling Services Market Trends:

The increasing offshore oil and gas exploration and production (E&P) activities around the world represent one of the key factors stimulating the growth of the market. Moreover, the well drilling system is open to the atmosphere in conventional drilling. The drilling fluid exits via a bell nipple, then through a flowline to mud-gas separation and solids control equipment. This presents difficulties during operations, which is challenging for the drilling engineers. However, MPD relies on a closed-loop system that helps determine the downhole pressure limits and manage the annular pressure profile accordingly. It also allows faster corrective action to deal with observed pressure

variations. This, coupled with advancements in the processes, techniques, technologies, and innovations associated with well drilling activities, is creating a positive outlook for the market. Apart from this, MPD offers numerous benefits in terms of project economics and reduced non-productive time (NPT), which are substantial in the offshore structure, where any downtime significantly impacts the project cost. These advantages are anticipated to strengthen the growth of the market in the upcoming years.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global managed pressure drilling services market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on technology and application.

Breakup by Technology:

- Constant Bottom Hole Pressure
- Mud Cap Drilling
- Dual Gradient Drilling
- Return Flow Control Drilling

Breakup by Application:

- Onshore
- Offshore

Breakup by Region:

- North America
 - United States
 - Canada
- Asia-Pacific
 - China
 - Japan
 - India
 - South Korea
- Australia
- Indonesia
- Others

Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Air Drilling Associates Inc., Blade Energy Partners Ltd., Enhanced Well Technologies AS, Ensign Energy Services Inc., Exceed (XCD) Holdings Ltd., Global MPD Services Inc., Halliburton Company, Nabors Industries Ltd., Nov Inc., Pruitt Tool & Supply Co Inc., Schlumberger Limited and Weatherford International plc.

Key Questions Answered in This Report:

How has the global managed pressure drilling services market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global managed pressure drilling services market?

What are the key regional markets?

What is the breakup of the market based on the technology?

What is the breakup of the market based on the application?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global managed pressure drilling services market and who are the key players?

What is the degree of competition in the industry?

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