

Managed Pressure Drilling (MPD) Services Market Analysis By Technology (Mud Cap Drilling (MCD), Dual Gradient Drilling (DGD), Constant Bottom Hole Pressure (CBHP), Return Flow Control Drilling (RFCD)), By Application (Onshore, Offshore) And Segment Forecasts To 2024

<https://marketpublishers.com/r/M1FA08884C4EN.html>

Date: March 2013

Pages: 93

Price: US\$ 5,950.00 (Single User License)

ID: M1FA08884C4EN

Abstracts

The global managed pressure drilling (MPD) services market is expected to reach USD 5.06 billion by 2024, according to a new report by Grand View Research, Inc. Factors such as rising hydrocarbon production cost coupled with depleting extraction rates in conventional onshore wells have led to increasing offshore exploration activities. This is likely to have a significant impact on the managed pressure drilling market. The success of these extraction techniques in areas which were previously considered to be uneconomical has stimulated the market growth.

MPD techniques do not provide any surface return; this restricts the sampling sources for geologists. A significant amount of drill fluids required and variation in MPD techniques is likely to limit the market growth during the forecast period. Technological advancements along with coupling MPD techniques with horizontal drilling in tight formations is anticipated to create new avenues for industry participants in the near future.

Constant bottom hole pressure (CBHP) emerged as the leading technology segment and accounted for 43.3% of the global revenue in 2015. This technique facilitates better safety of the sites by controlling the pressure and detecting early fluid losses. Mud cap drilling (MCD) technique is likely to lose share to CBHP and dual gradient drilling (DGD) technologies owing to the high cost associated with this technology.

Further key findings from the report suggest:

Onshore oilfields were the leading application segment and accounted for over 58% of the total industry revenue in 2015. Offshore operations are expected to witness the highest growth of 4.0% over the forecast period.

The U.S. offshore MPD services industry is estimated to witness the fastest growth over the next eight years to reach a net worth of USD 585 million by 2024. Significant development of offshore oil & gas wells in the Gulf of Mexico along with extremely complicated formations in the region is anticipated to drive managed pressure drilling services demand.

North America dominated the global demand accounting for 37.3% of total market revenue in 2015. Technological advancements along with deployment of advanced drilling techniques in complex formations such as tar sands, tight oil, etc. in the U.S. and Canada are key factors for high industry penetration in the region.

Africa is estimated to grow at a CAGR of 4.9% from 2016 to 2024 on account of increasing offshore activities in regions of Angola, and Mozambique. Algeria MDP services industry is estimated to reach a net worth of USD 110 million by 2024, at a CAGR of 5.4%.

Key market players include operating in the global managed pressure drilling services market include Archer Well services, Baker Hughes, Halliburton, Weatherford International, Schlumberger Limited.

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