

# **Logging While Drilling (LWD) Market –Global Industry Size, Share, Trends, Opportunity, and Forecast, 2018-2028 Segmented By Application (Onshore, Offshore {Shallow Water, Deepwater, Ultra-Deepwater}), By Region**

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## **Abstracts**

Global Logging While Drilling (LWD) Market is anticipated to grow at a steady pace in the forecast period, 2023-2028, owing to the rising drilling and completion activities on a global scale. However, the fluctuating prices in recent years due to the supply-demand imbalance, geopolitics, and other factors have been preventing the growth of the market.

Transporting well logging equipment downhole as a component of the bottom hole assembly is known as logging while drilling. Measurement while drilling (MWD) and logging while drilling (LWD) are terms that are sometimes used interchangeably to refer to techniques and processes for gathering down-hole data while drilling without having to remove drill pipe from the well.

Increased Advantages of Logging While Drilling such as temperature maintenance, borehole pressure, vibration shock

It does away with the need for a logging truck in the logging process. Robotic logging technique reduces logging time and the need for additional equipment. Robotic logging has a number of advantages, including decreased NPT (Non-Proliferation of nuclear weapons), lower energy consumption, and a quicker response time. These benefits are thought to pave the way for the market's expansion. The development rate of the market for logging during drilling will be further accelerated by the rising number of oil and gas discoveries and the liberalization of the sector. Global drilling and completion

activity expansion will also fuel market growth. Onshore projects are anticipated to support the market's expansion by riding the optimism brought on by the rebound of crude oil prices.

#### The Global Rise in Industrialization and Increase in Urbanization.

The need for energy and power generation is increased by the global rise in industrialization and urbanization. Increased deepwater and unconventional energy and power operations allow for increased market revenue from logging while drilling operations. The demand for technological advancements in oil and gas production that are cost-competitive is also expected to drive the expansion of the global logging during drilling market. Energy is a crucial component of development, therefore numerous rising nations are realizing the significance of E&P activities, which are expected to accelerate market expansion. The demand for logging while drilling services is expected to increase as a result of new advancements in the onshore oil and gas industry, increased exploration of unconventional resources, and the stability of crude oil prices.

#### Increasing Demand for Real-Time Formation Evaluation to Optimize the Production Cost

Oilfield service providers are strategically organizing the total exploration for affordable oil and gas production. To increase output, many procedures are utilized to improve the well's performance. Making informed judgements regarding the future well operations require accurate formation appraisal, which is fundamentally provided by logging while drilling. It not only enables the operator to obtain accurate well data but also lessens production-related challenges.

#### Market Segmentation

The Global logging while drilling (LWD) market is divided into Application, Region and Competitive Landscape. Based on Application, the market is divided into Onshore, and Offshore, and Offshore is further segmented into Shallow Water, Deepwater, and Ultra-Deepwater.

#### Market Players

Major market players in the Global logging while drilling (LWD) market are Baker Hughes Company (U.S.), Schlumberger Limited (U.S.), Halliburton (U.S.), NOV Inc., (U.S.), Weatherford (U.S.), Nabors Industries Ltd. (Bermuda), APS Technology, Inc.

(U.S.), Maxwell Downhole Technology (UK), Scientific Drilling International (Texas), PnnPlus (China),

Report Scope:

In this report, the Global logging while drilling (LWD) market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

#### Logging While Drilling (LWD) Market, By Application:

Onshore

Offshore

Shallow Water

Deepwater

Ultra-Deepwater

#### Logging While Drilling (LWD) Market, By Region:

North America

United States

Canada

Mexico

Asia-Pacific

China

India

Japan

South Korea

Australia

Singapore

Malaysia

Europe

Germany

United Kingdom

France

Italy

Poland

Spain

South America

Brazil

Argentina

Middle East & Africa

Saudi Arabia

South Africa

UAE

Iraq

## Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global logging while drilling (LWD) market.

## Available Customizations:

Global logging while drilling (LWD) market report with the given market data, Tech Sci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

## Company Information

Detailed analysis and profiling of additional market players (up to five).

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