Reservoir Analysis Market - Growth, Trends, and Forecasts (2023 - 2028)

Market Report | 2023-01-23 | 110 pages | Mordor Intelligence

AVAILABLE LICENSES:

- Single User License $4750.00
- Team License (1-7 Users) $5250.00
- Site License $6500.00
- Corporate License $8750.00

Report description:

The Reservoir Analysis Market is expected to grow at a CAGR of more than 2% over the forecast period.

COVID-19 negatively impacted the market in 2020. Presently the market has reached pre-pandemic levels.

Key Highlights
Over the medium term, factors such as an increase in the complexity of the reservoir due to increased depth and use of multiple horizontal wells, and rising production of oil and gas, which require more sophisticated techniques like reservoir analysis and, therefore, are expected to drive the market.
On the other hand, low reliability due to a lack of correct data is expected to restrain the market.
Nevertheless, gas hydrates production may become an opportunity for the market players as its economically viable production may pose new problems, which may require better techniques of reservoir analysis.
North America is expected to dominate the reservoir analysis market due to a significant rise in investment in oil and gas exploration and production projects.

Reservoir Analysis Market Trends

Unconventional Segment to Witness Fastest Growth

The Shale Gas boom is expected to provide further growth in the oil and gas industry, which is expected to increase the growth in the reservoir analysis market. Shale gas production increase is expected to aid the reservoir analysis market positively.
In 2021, global production accounted for around 7.23 million barrels of oil per day, the largest type being light-tight oil (LTO). An increase in the production of oil is expected to provide a boost to the sector.

According to estimates, in 2021, China has the largest technically recoverable shale gas resource, with 21.8 trillion cubic feet (Tcf).
Global tight gas resources are estimated, in 2021, at 2,684 Tcf, with the largest in Asia-Pacific and Latin America. Resources of coalbed methane (CBM) are estimated at 1,660 Tcf, with more than 75% in Europe and Asia-Pacific.
Therefore, with the increase in demand for oil and gas, the global reservoir analysis market is expected to increase considerably during the forecast period.

North America to Dominate the Market

North America region has dominated the reservoir analysis market and is expected to continue its dominance in the coming years. The region consists of major oil and gas production basins worldwide.
The United States is among the largest user of reservoir analysis systems, especially with the boom in shale oil and gas in many of the onshore basins like the Permian basin have contributed to the advancement in the reservoir analysis market.
North America increased its oil output significantly to 23.94 million barrels per day in 2021 from 14.34 million barrels per day in 2011. In contrast, the region's gas production increased from 82 billion cubic feet per day to 110 billion cubic feet per day during the same period. Increasing production is expected to create demand for better reservoir analysis techniques.
In 2018, the United States Interior Department allowed drilling in nearly all the United States waters, which is among the biggest expansions of offshore oil & gas leasing by the federal government in the history of the United States. This development has driven offshore exploration and production activity in the region. Thus the rising number of exploration and production activities in the region is expected to boost the demand for digital oilfield solutions is likely to increase.
Hence, the North America region is expected to dominate the market due to its large oil and gas upstream sector and increasing demand for fossil fuels around the globe.

Reservoir Analysis Market Competitor Analysis

The Reservoir Analysis Market is partially fragmented. Some of the key players in this market are (not in particular order) Schlumberger Limited, Halliburton Company, Baker Hughes Company, Weatherford International PLC, and CGG SA.

Additional Benefits:

The market estimate (ME) sheet in Excel format
3 months of analyst support

Table of Contents:

4.1 Introduction
4.2 Market Size and Demand Forecast in USD Billion, till 2027
4.3 Crude Oil Production Forecast, in thousands barrels per day, till 2027
4.4 Natural Gas Production Forecast, in billion cubic feet per day, till 2027
4.5 Recent Trends and Developments
4.6 Government Policies and Regulations
4.7 Market Dynamics
4.7.1 Drivers
4.7.2 Restraints
4.8 Supply Chain Analysis
4.9 Porter's Five Forces Analysis
4.9.1 Bargaining Power of Suppliers
4.9.2 Bargaining Power of Consumers
4.9.3 Threat of New Entrants
4.9.4 Threat of Substitutes Products and Services
4.9.5 Intensity of Competitive Rivalry

5 MARKET SEGMENTATION
5.1 Application
5.1.1 Onshore
5.1.2 Offshore
5.2 Reservoir Type
5.2.1 Conventional
5.2.2 Unconventional
5.3 Service
5.3.1 Geo Modeling
5.3.2 Reservoir Simulation
5.3.3 Data Acquisition and Monitoring
5.3.4 Reservoir Sampling
5.3.5 Others
5.4 Geography
5.4.1 North America
5.4.2 Asia-Pacific
5.4.3 Europe
5.4.4 South America
5.4.5 Middle-East

6 COMPETITIVE LANDSCAPE
6.1 Mergers and Acquisitions, Joint Ventures, Collaborations, and Agreements
6.2 Strategies Adopted by Leading Players
6.3 Company Profiles
6.3.1 Schlumberger Limited
6.3.2 Halliburton Company
6.3.3 Baker Hughes Company
6.3.4 Weatherford International PLC
6.3.5 CGG SA
6.3.6 Core Laboratories N.V.

Scotts International. EU Vat number: PL 6772247784
tel. 0048 603 394 346 e-mail: support@scotts-international.com
www.scotts-international.com

Reservoir Analysis Market - Growth, Trends, and Forecasts (2023 - 2028)

Market Report | 2023-01-23 | 110 pages | Mordor Intelligence

To place an Order with Scotts International:
- - Print this form
- - Complete the relevant blank fields and sign
- - Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User License	$4750.00
	Team License (1-7 Users)	$5250.00
	Site License	$6500.00
	Corporate License	$8750.00
	VAT	
	Total	

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*		Phone*	
First Name*		Last Name*	
Job title*			
Company Name*		EU Vat / Tax ID / NIP number*	
Address*		City*	
Zip Code*		Country*	
		Date	2026-03-02
		Signature	

Scotts International. EU Vat number: PL 6772247784
tel. 0048 603 394 346 e-mail: support@scotts-international.com
www.scotts-international.com