

AES ANALYTICS

Data Analytics Platform

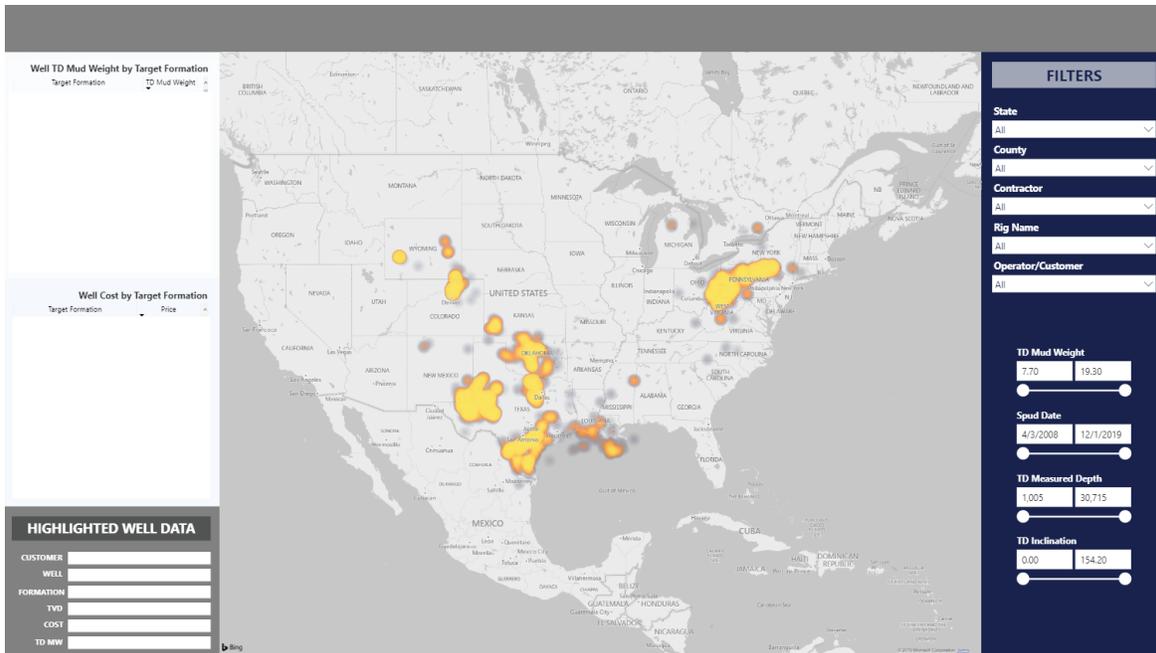


AES DRILLING FLUIDS

AES ANALYTICS

DATA ANALYTICS SERVICE

While data analytics remains a central topic for innovation, few operators are able to leverage their extensive data sets towards true cost savings. AES ANALYTICS transforms vast drilling fluid data sets into simple, straightforward visuals to review information from high-level to extreme detail.



A graphical interface allows comparison between customer wells, pads, rigs, and other variables. Specific values appear with just the slide of a mouse while a more detailed breakdown appears by clicking on an area of interest. Insight from data that once took hours now takes seconds, allowing for more informed decisions at the moments they must be made.



Description

A data analytics platform to optimize drilling fluid performance and minimize cost.

Easily observable data sets are presented on dashboards customized to customer needs.



Benefits

Rapid access to large data sets minimize time to make informed decisions.

Visualizations allow for quick trend analysis
Customization and continuous improvement regularly enhance available insight.



Applications

Well planning to identify risks and maximize insight from offset wells.

Tracking activity to key performance indicators.

Evaluating cost, product consumption, and overall performance by area, pad, rig, or other criteria.

Customization

AES ANALYTICS simplifies planning by allowing Account Managers to review offset well performance to optimize drilling fluid programs. This maximizes the benefits of experience to assess and mitigate risk at minimal cost.

Drilling fluid data including mud weights, fluid properties, product consumption, and losses appear in increasing levels of detail for rapid analysis and identification of outliers and best-in-class performance.

Throughout drilling operations, key performance indicators appear against historical trends to identify and address potential issues before they appear. Reports synchronize with our central database multiple times a day to capture the latest information. This helps to identify treatment requirements quickly and to minimize risk of downtime or excess chemical cost.



AES Drilling Fluid customers receive a customizable dashboard of their data sets accessible from their computer or mobile device. It's now easy to review historical data and discuss options without delays researching old information. AES ANALYTICS provides this critical data in seconds to make informed decisions.

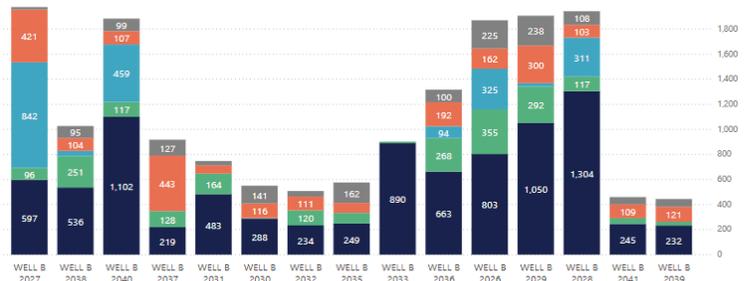
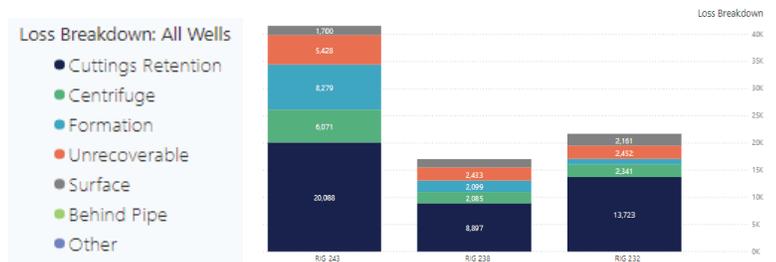
Continuous Innovation

AES ANALYTICS continues to evolve with the needs of our customers. Dedicated data scientists continue to add features to maximize the benefits of the platform. New features are added regularly across the service along with special outputs based upon specific customer needs.

Updated features seek to minimize trucking, enhance treatment schedules, review mud weight selection, and much more. Through the process of constant improvement, AES ANALYTICS will continually evolve to capture the most important benchmarks as technology and drilling techniques advance.

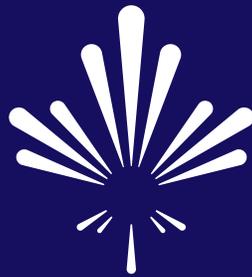
Example Graphs: Losses breakdown

Visual outputs provide clear comparison of fluid losses from subsurface to mud on cuttings by area, rig (bottom image), or well (top image). This allows for quick identification of loss-prone regions as well as inadequately performing solids control equipment. Sliding the mouse over each data point provides specific values and supplemental information.



WANT TO LEARN MORE?

Reach out to your AES Account Manager or visit www.aesfluids.com for more information



AES DRILLING FLUIDS

www.aesfluids.com

© 2024 AES Drilling Fluids. All rights reserved. The information provided is for informational purposes and is believed to be accurate, although this cannot be guaranteed. No guarantees or warranties are stated or implied. †Marks of AES Drilling Fluids, LLC.

Revision 1.03

