



Drilling Design, Reporting & Data Management



DeepData provides a comprehensive all-in-one drilling solution that addresses well design, activity and cost logging, daily reporting, storing vendor job reports, KPI generation, and data analysis across single wells, pads, areas & fields.

Most drilling engineers rely on drilling design tools (usually Excel and Word), a reporting tool (various dedicated tools), an Excel spreadsheet for generating and storing key metrics, as well as a data visualization and trend analysis tool (Spotfire). DeepData provides a single solution to address each of these needs, while integrating with these tools. This gives you better insight and flexibility.

Spreadsheets come up short when you start tracking more and more attributes, or adding more wells. They get unwieldy and they don't provide the searching,

filtering, and head-to-head comparisons that you get with DeepData. As your collection of data grows, spreadsheets are quickly overwhelmed. Advances in drilling focus on better use of data with machine learning and artificial intelligence, so your data is going to continue to grow dramatically.

DeepData handles vast amounts of data with ease. Searching, grouping wells, comparing KPIs or drilling attributes among individual wells, pads, Leases, areas, fields. All of this is simple and fast.

DeepData's all-in-one combination of drilling design, logging, reporting and data analysis are unprecedented in terms of power, ease of use and value in driving steady improvement in your methods, efficiency and productivity.

Features & Benefits

Feature	Benefit
Well Design: Clone and refine your drilling plan with detail for each well phase, addressing depths, hole sizes, casing, BHA, drilling and hydraulic parameters and potential hazards and depths.	The engineer's comprehensive drilling plan informs the wellsite supervisors and makes activity logging faster, easier and less error-prone. Clone and modify prior drilling plans for speed and efficiency. Your plan is integrated with the onsite activities reporting.
Comprehensive Activity Logging: The wellsite supervisor selects the current activity and DeepData provides the data fields for that activity. This same step-wise activity log fills out the daily drilling reports.	This is the easiest and most intuitive activity logging solution available. It presents the data fields as they are needed. All of this data then flows into reports and ultimately into the data management, KPIs, visualization, and trend analysis.
Data Loading: Directly load service provider report information into DeepData, where it is shared among the activity log, drilling reports, KPIs, data visualization, well comparisons, and more.	This approach reduces input work and transcription errors. It also provides much richer data for data analysis and well-to-well comparisons. In addition to loading the data, the reports can be saved as attachments for future reference.
Powerful Drilling Reports: Easily customize your drilling reports, distributions lists, scheduling, and even generate and attach custom Excel spreadsheets extracted from the data.	Provides customized versions of standard reports, but also enables links to the source data and attached Excel spreadsheets for data crunching. This is the most comprehensive reporting solution available today.
Cost Reporting Integrates with AFE Management: Costs go into the AFE and generate field variance instantly.	Full integration between your cost logging and AFE management ensures that everyone has total visibility into costs and progress, so there are no surprises.
Real-Time Insight: DeepData's multi-user system enables engineers and management to monitor progress in real-time.	Instantly know what is going on at the wellsite. If you encounter a problem, you have full knowledge about the prior activity, enabling better problem solving.
Multi-Well and Pad Data Visualization: DeepData automatically generates key metrics and captures rich data across wells, pads, areas and fields for data visualization, comparison and trend analysis.	By combining well design, activity and cost logging, and data management and visualization, you get a complete all-in-one solution for optimizing your drilling methods, efficiency and productivity.

Get Started Today

The modern way to design, track, report and analyze your drilling data.

