

WellView Connector Plug-In for the Studio E&P Knowledge Environment

Informed decision making for delivering cost-effective wells

APPLICATIONS

- Extended access from Petrel* E&P software platform to WellView® complete corporate well files for
 - Drilling data management
 - Well operations data management
 - Geological data management
 - Well integrity data management
- Integrated well life cycle analysis and visualization workflows

BENEFITS

- Conduct performance-driven data analysis
- Improve efficiency and minimize data delay with enhanced collaboration tools
- Uncover previous interpretations and critical information via fast searching capabilities

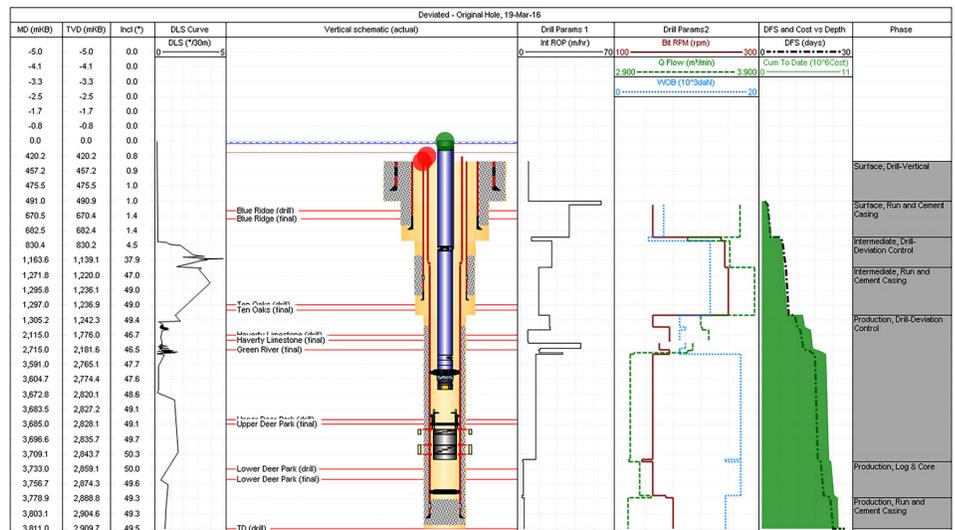
FEATURES

- Normalized data for consistent querying
- Customizable, “live to the data” wellbore schematics
- Geospatial searching
- Scalability
- Extensive support for legacy system imports

From comprehensive data to comprehensive understanding

The WellView Connector plug-in for the Studio* E&P knowledge environment accesses the wealth of WellView data directly from the Petrel E&P software platform or Studio Manager. With this connector, users can quickly and easily connect to the WellView database, find the required data, view it, and load it—all from within the Petrel platform or Studio Manager.

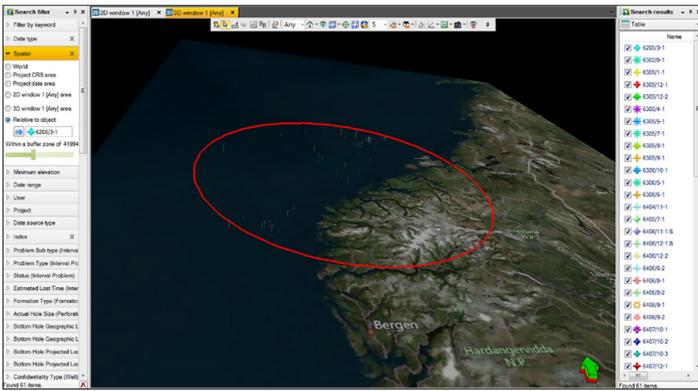
WellView from Peloton is a complete corporate well file. From well planning to abandonment, WellView tracks all changes and operations throughout a well’s life cycle. With data-driven templates (such as schematics and reports) and analysis tools, WellView simplifies well information management across drilling, completions, and well operations.



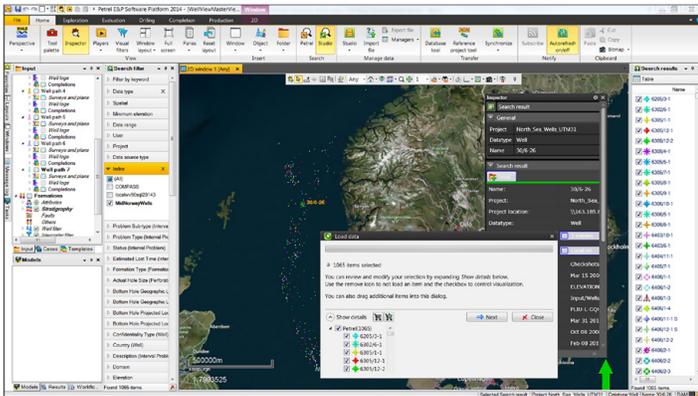
WellView’s downhole schematic is drawn from the well data to provide an accurate downhole picture at any point in time.

The Petrel platform brings disciplines together with best-in-class applied science in an unparalleled productivity environment. This shared earth approach enables standardizing workflows from exploration to production for developing a clear understanding of both opportunities and risks. The Studio environment propels the Petrel platform to a collaborative, multiuser knowledge environment that is scalable across the E&P enterprise without compromising the intuitive, flexible Petrel platform experience. The Studio environment further drives productivity through geospatial search capabilities across disparate data sources and advanced collaboration demonstrated in the publish-subscribe model.

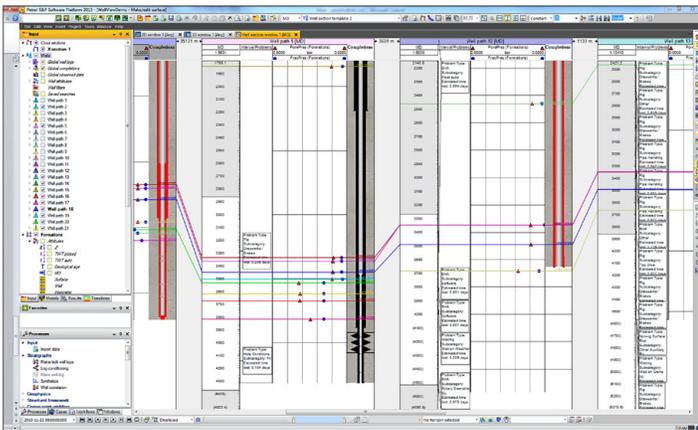
WellView Connector Plug-In



A spatial filter in Studio Manager is applied to the records in the WellView data store to narrow down the nearby offset wells and data that they contain.



Information managed in WellView is made available in the Petrel platform through the WellView Connector plug-in.



The Petrel platform's well section window brings drilling and subsurface information together, providing for clear understanding of the root causes of drilling events.

Streamlined data access

The ability to combine drilling information—and subsequently geological, well operations, and well integrity data across the well's life cycle—in the subsurface context of a shared earth approach is key to improving decision making from exploration to production.

The merging of data historically has been a time-consuming manual process. To streamline this component of the analysis workflow, Schlumberger and Peloton have collaborated on the WellView Connector plug-in for the Studio E&P knowledge environment to provide teams with ready access to WellView data directly from the Petrel E&P software platform. Via Studio Manager, users can now quickly and easily connect to the WellView database to find, view, and load data. The result of this connected workflow is informed decision making through data-rich offset well analysis.

Data-enhanced workflows

By adding a new data source and providing an intuitive, simple way to access, search, analyze, and load data, the WellView Connector plug-in enhances Find workflows. The plug-in fits into existing workflows and does not require any significant change in the way Studio Manager and Find are used.

The WellView Connector plug-in can be used to find and load data from WellView into the Petrel platform or directly to the Studio environment. Examples include event zones of nonproductive time with their associated cost and formation data. Displaying this data in the Petrel platform's well section window along with casing, liners, and tubing data also loaded from WellView enables enhanced visualization of what problems were encountered in offset wells so risks can be identified and mitigation planning conducted.

Realized integration efficiencies

The WellView Connector plug-in for the Studio environment facilitates collaboration across multidiscipline asset teams in the rapidly evolving business and technical environment of the E&P industry, where agility, productivity, and the ability to quickly make the best decisions are essential for success.

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Schlumberger