easycore
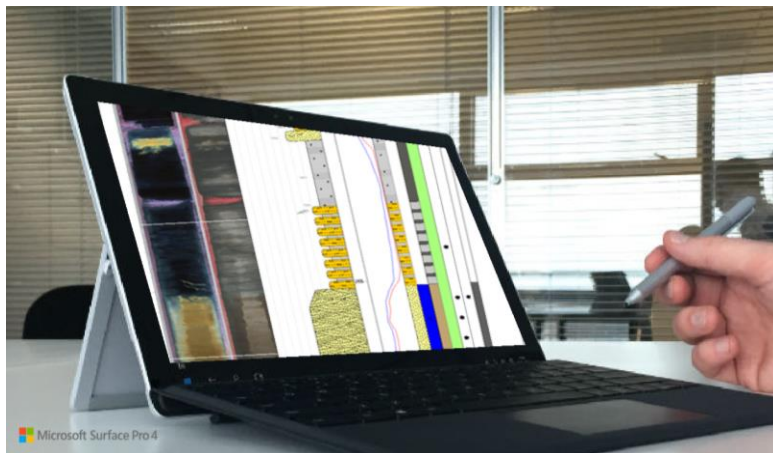
Increase Efficiency and Quality in Reservoir Core Descriptions

Optimize Well Log Visualization, Comparison, and Shifting

Core descriptions and Well Logs are an integral part of the exploration and production business and necessary for petrophysical analysis, depositional modeling, static modeling, and reservoir quality modeling.
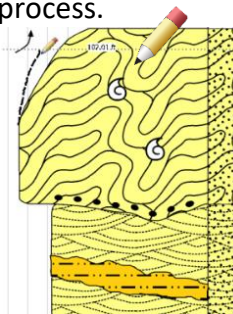

EasyCore - The best tool for Core Description and Well Visualization

EasyCore is easy to use

You can use EasyCore without training and still dramatically speed up the description and visualization process. EasyCore can import and export data to MS-SQL and multiple other sources, retaining the value of the work indefinitely. EasyCore's versatile drawing functionality allows you to create unique artistic features and beautiful visual effects in representations of the core.

EasyCore is available on Windows PC and tablets. EasyCore can save logged data in multiple digital formats enabling easy data analysis and data sharing.

Challenge

Describing core and outcrop can be a tedious process typically done under time constraints and often resulting in:

- Valuable time wasted by not using dedicated software
- Descriptions purely graphical and no data can be integrated in other solutions
- Future projects cannot find or re-use data, leading to lost value
- Corporate standards being neglected

Solution

Standardize on EasyCore and save time and speed up the process while providing data and improving the overall quality.

Benefits

- Speeds up the description process and reduces cost with more data available
- Easy integration increases the value of the data and facilitates data exchange between partners and business units
- Better data to predict production
- Early petrophysical analysis, depositional modeling, static modeling and reservoir quality modeling
- Corporate standards are followed and homogeneous descriptions are the result

Get better data to properly evaluate and reduce the overall top risks of reservoir presence and quality, both of which require quality core description data.
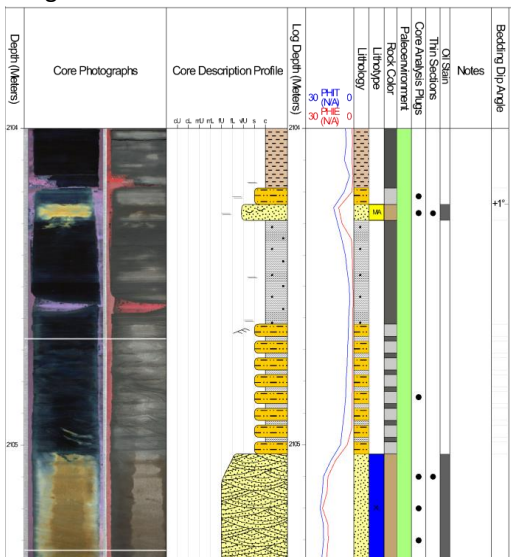
The EasyCore database - EasyDB is an SQL database.
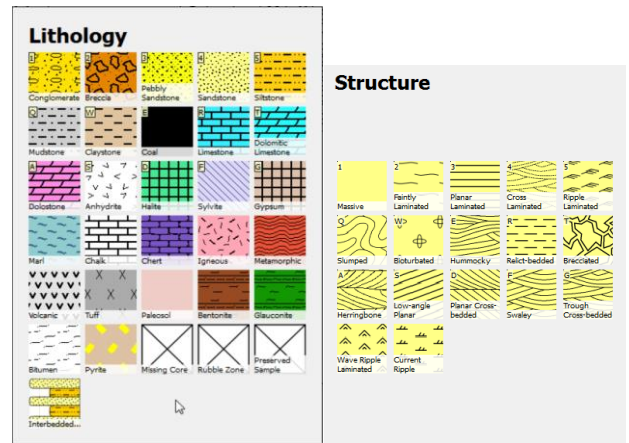
easycore

EasyCore benefits:

- Easy to use application that supports the workflow of Core and Outcrop Descriptions and well Visualization
- Valuable core and well data are created, gathered, grouped, and stored in open and accessible formats
- Statistical analysis and integration into petrophysical applications are facilitated as well as data exchange across business units and with partners
- Time and cost of core logging are greatly reduced
- Core and Well descriptions can be stored in multiple image formats

- Petrophysical analyses are enhanced by directly integrating EasyCore logs
- Each bed is marked with a top and bottom depth, bed granularity, lithotype, lithology, bedding contact description, symbols, and more
- Descriptions are visually attractive – capturing the natural look of a hand-drawn description
- EasyCore is flexible, allowing the user to create a customized look to suit individual preferences
- Static modeling is enhanced by importing and integrating sedimentological data from EasyCore logs

EasyCore has been developed in collaboration with sedimentologists and petrophysicists from leading energy companies.

Unique EasyCore functionality:

- Existing hand drawn descriptions can easily be imported and digitalized by in-line tracing after the original description
- Quick import of core photographs and other images
- Reference and magnifier view for overview and details
- Multiple Interactive data columns are completely user defined and dynamic
- Extensive clastic and carbonate predefined lithology menus and symbol menus (sedimentary structures, fossils, trace fossils, and accessories) can be customized to meet corporate standards

- Unlimited data entries, including rock color, grain size and sorting, oil stain, bioturbation, porosity, lithotype, facies, depositional environment, chrono stratigraphy, formations, completion, and more
- Interbedded sections with advanced options
- Column grouping, overlay and underlay
- Freehand drawing for sketching
- Fractures may be captured, and dip angles measured
- Easy import of log data, plugs, image data, and more
- Depth shift of data or images
- Log in depth or height
- Log in meter and feet or inches, cm, mm for more details
- Log from top to bottom or bottom to top
- Describe from left to right or right to left
- Edit bedding contact, weathering profile and injected beds with pencil tool
- Symbols are easily added to the library
- Munsell rock color scheme

Users Love EasyCore