Petrel Mapping Module by Petrosys®

Advanced presentation-quality mapping

APPLICATIONS
- Extends existing Petrel* E&P software platform mapping capabilities
- Enables the editing and creation of high-quality maps
- Generates PDF, images, and scaled print outputs

BENEFITS
- Improved mapping experience through tight integration of data, process, and user interface
- Reprojection of 2D surfaces, 3D grid horizons, and seismic interpretation in any coordinate reference system
- Presentation-quality maps through the use of mapping templates that effectively present subsurface context and potential
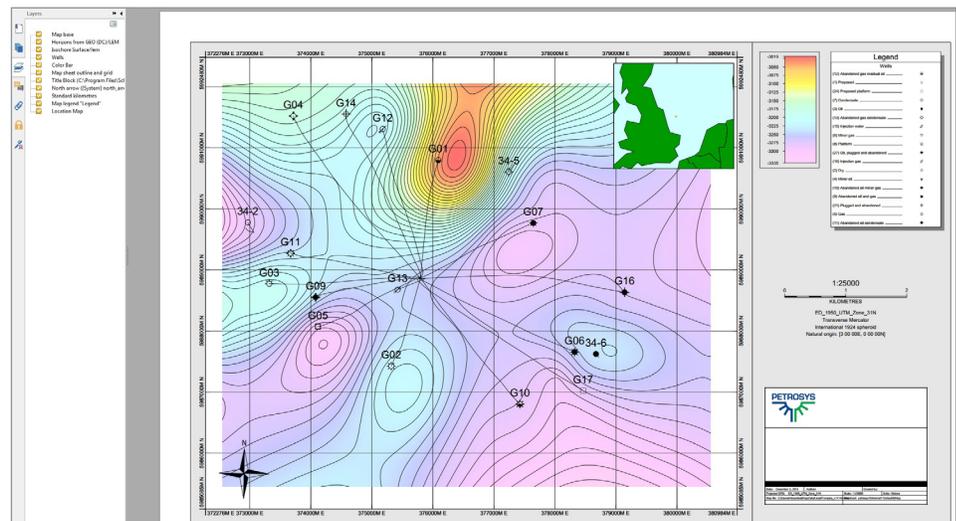
FEATURES
- Flexible map legend templates customized to meet organization standards
- Sophisticated overposting control
- Contour editing and cleanup
- Contouring up to faults and fault direction indicators
- Fine control of fonts, colors, and line styles for all mapping elements
- Thematic mapping of culture data

The Petrel Mapping Module by Petrosys® extends existing Petrel mapping capabilities by integrating advanced mapping capabilities from the industry-leading mapping package developed by Petrosys®. The primary workflow for this new map window in Petrel is the production of high-quality mapping output for scaled printing, PDFs, or images.

Through tight integration of data, process, and user interface, the Petrosys® map window allows the reprojection of 2D surfaces, 3D grid horizons, and seismic interpretation in any coordinate reference system. High-quality mapping templates provide presentation-quality maps that effectively present subsurface context and potential, including annotated well locations and well tops, cultural data, customized map legends, and an inset map.

High-quality maps through advanced mapping styles and controls

Quality contouring up to faults is essential in subsurface cartography, and it requires that advanced mapping and editing tools be available where you need them. The Petrel Mapping Module by Petrosys® enables data selections from the Petrel data trees in an integrated mapping window for an effective presentation of subsurface context and potential. The advanced editing capabilities enable fine control of fonts, colors, and line styles for all map elements, as well as full layering control. This makes it easy to perform map-based contour editing and cleanup of artifacts or drive changes to the underlying surfaces. The production of quality contour maps along faults is complemented by a large variety of fault throw symbols, as well as options to thematically map cultural data to highlight trends. Advanced possibilities for overpost correction add to the professional-quality cartographic output.

PDF outputs preserve the map layers from the original, users can turn on/off different layers directly from the PDF viewer.

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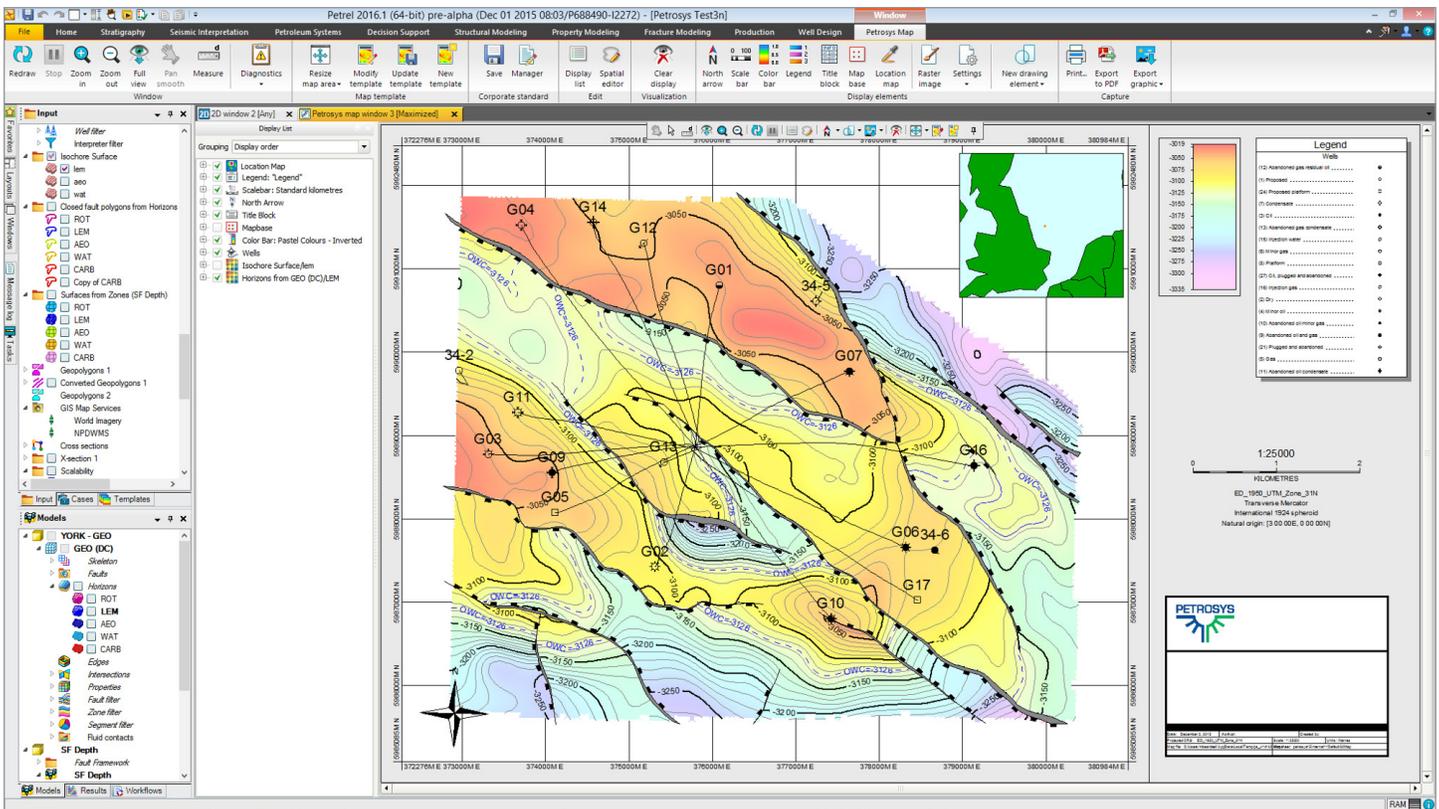
Multilayer PDF output

The PDF output from the Petrosys® map window preserves the map layers from the original. This means you can turn on and off different layers directly from the PDF viewer to help with publishing and archiving. This feature simplifies the sharing of complex information in a single file; for example, a PDF could contain a map of all horizons in a 3D grid.

Customized map templates to meet organization standards

The template-driven workflows of the Petrel Mapping Module by Petrosys® enable setting up standard templates for company map layouts, information boxes, legends, and title blocks. The standardization of map templates enables a faster creation and sharing of quality maps, ensuring that all output conforms to company standards. With standardized presentations, it is easy to communicate high-quality geological context to stakeholders consistently, thus enabling effective decision making.

The Petrel Mapping Module by Petrosys® is designed for use with Petrel platform (64-bit). It is available in Petrel 2016.1 and also as a plug-in for Petrel versions 2015.3 and newer versions.

Petrosys®, working with the Schlumberger Petrel* E&P software platform development team, has embedded its mapping application into the Petrel platform. E-mail sisinfo@slb.com or contact your local Schlumberger representative to learn more.

The Petrel Mapping Module by Petrosys® map window is template driven, allowing standard templates for company layouts.

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