IHS Markit™

Petra Sidekick

Integrated Software and Delivery Tools
to Advance your E&P Workflow

Petra

Petra Sidekick is a new external tool that provides you with a rapid and intuitive way to access your Petra project, allowing you to analyze project data in a multi-well view, import and export data into a Petra project, and perform various database maintenance functions.

Sidekick Well View: Multi-well or Single-well view

Petra Sidekick allows you to view your data in a unique multi-well view. You can view your data in a single well view depending on your interpretation style preference. The Well Viewer provides a well summary with selectable views and data items for analysis.

Show Well Statistics by Scanning Wells

Load additional project well statistics, including total wells in project, currently selected wells, deviated wells, number of counties containing wells, etc.

Data supported by Sidekick

Sidekick allows you to view the following types of project and well data, as well as allows for rapid assessment of the data in your Petra project, with the end result of streamlining maintenance functionality.

– **Project** data shows a brief summary of the selected project

– **Well** data shows well counts and statistics for a selected well list; scanning wells provides additional well statistics

– **Zone** data is an expandable list of the zones available within the project; selecting a zone provides zone specifics and populates the well list accordingly

– **Tops** data is listed within the project as well as the tops with available associated tops

– **Raster** data lists all rasters within the project and all wells associated with a selected raster

– **Grid** data shows a table of content type view for existing grid files within the selected well list (also shows additional statistics of grids)

– **List** data lists existing overlays files within the project; opening an overlay allows for additional maintenance functionality associated with the layers associated with a selected overlay file

– **Table** data displays data associated with each data table; pack percentage allows for a unique view of the condition of the data associated with each table; a decreasing pack percentage number indicates fragmented data, allowing you to pin point data fragmentation perform database repairs specific to one table
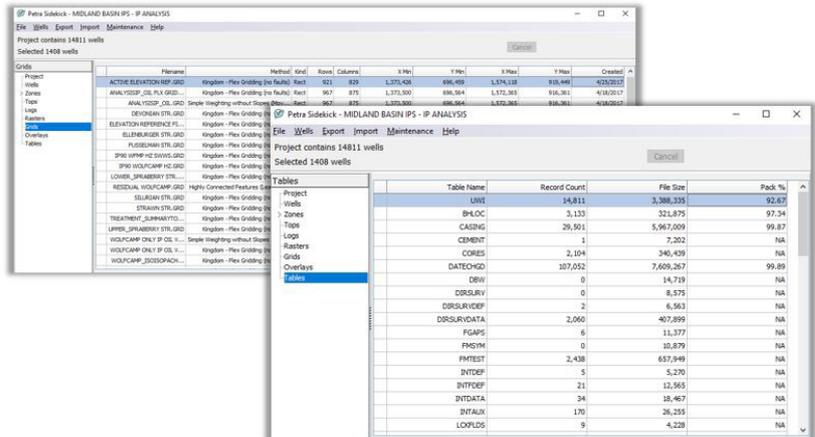
Grid and Table Data

Maintenance

Sidekick provides the following maintenance tools for
your Petra project:

– **Global data delete** — Globally deletes selected items
   from current well list

– **Zone Maintenance** — Adds, modifies, or deletes zone
   and zone data items

– **Production Maintenance** — Adds, modifies, or deletes
   monthly production database variables

– **Raster Log Maintenance** — Controls image group
   names, establishes raster group aliases, and performs
   other raster group maintenance tasks

– **Digital Log Maintenance** — Creates, deletes, and
   renames log definitions; this tool can also change
   the default log scales and lock/unlock a curve for the
   entire database

Importing and Exporting

Importing

– The Generic ACII importer imports an ASCII file data
   based on defined field definitions from a previously
   existing file

– Batch importing LAS digital log files allows for the
   loading of multiple LAS files in a single batch

– Batch importing Petra LIC files assigns multiple
   raster log images to wells by reading LIC of
   IHS Markit XML files

– Batch importing IHS Markit raster logs LIC files XML
   (RASCAL) assigns multiple raster log images to wells
   by reading RASCAL files

– Digital logs and raster logs can be imported directly
   through IHS Markit Direct Connect

Exporting

– Exporting data through a tabular ASCII file allows
   the user to define selected data to export from a
   Petra project
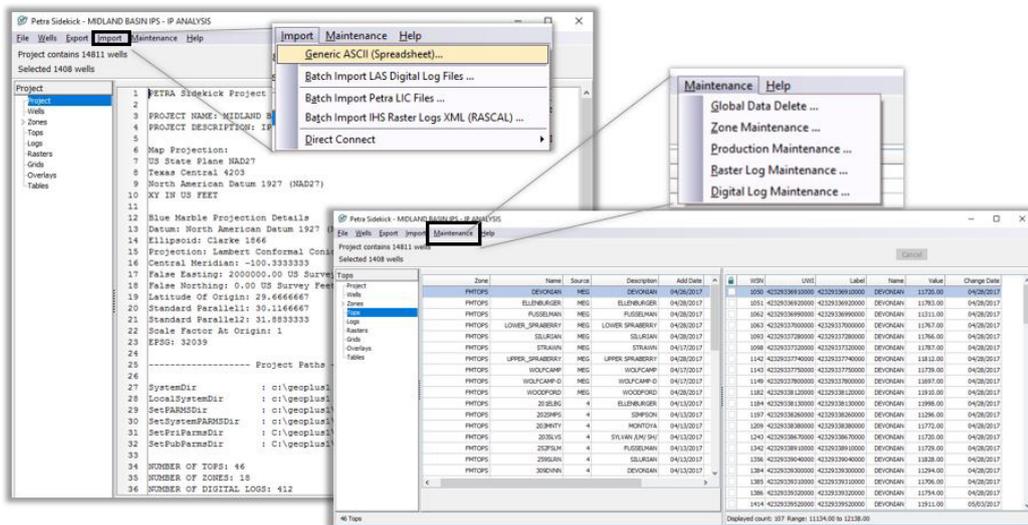
Maintenance and Importing Functionality

About IHS Markit

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