S&P GlobalCommodity Insights

Petra 2023

New Features

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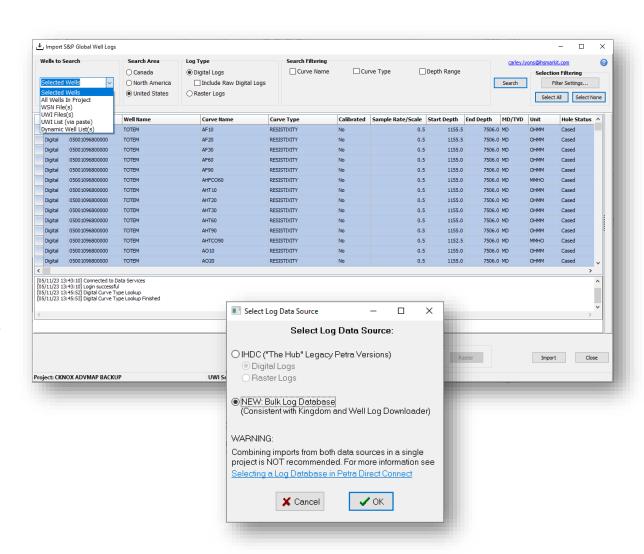
July 2023

Main Module Enhancements and New Features

Direct Connect – Log Data Connections

Direct Connect to the new Bulk Log Database

- Direct Connect now connects to same log database as Kingdom and the Petra Well Log Downloader
- United Kingdom digital and raster logs available
- No internet connection is required after download to work in Petra and view logs
- Raster TIFF images are downloaded to your server or computer location of choice
- Condensed log group names and raster calibration files result in fewer group names in projects



Direct Connect – Log Data Connections

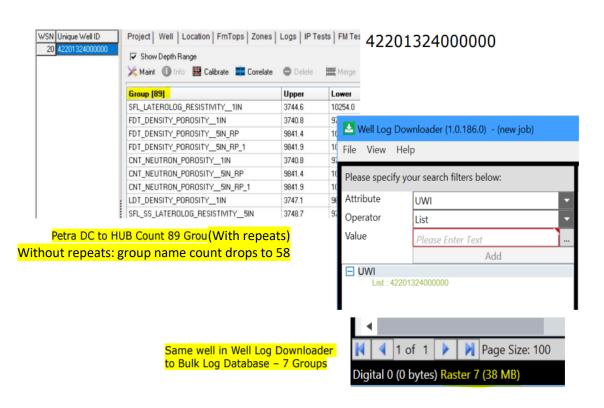
More import options

Petra 2023 has two log data import source options:

- The Bulk Log Database is a newly added source in Petra's Direct Connect to import logs from your S&P Global subsurface content subscription
- The IHS Hub (IHDC, The Hub) for legacy versions of Petra's Direct Connect

Note that combining log imports from both data sources in a single project is NOT recommended:

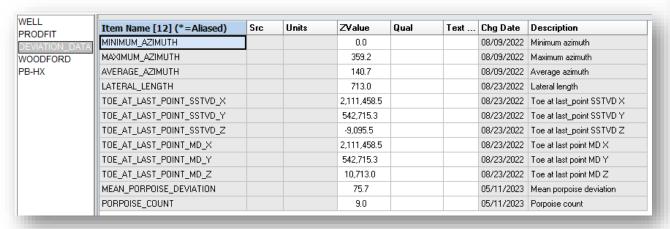
- Result will be inconsistent raster log group names and multiple repeated calibration files for a single image
- Project clean-up of existing raster logs is recommended if switching sources
- For more help see <u>Selecting a Log Database</u>

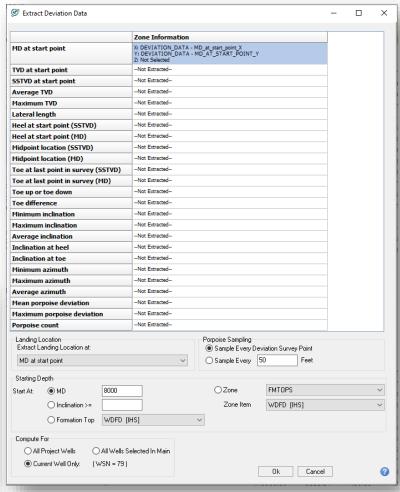


Additional Deviation Survey Computes

More options for detailed analysis of deviation survey data

- Calculate and extract multiple parameters from deviation survey data to a zone
- Extract Z data values in measured depth (MD) or subsea true vertical depth (SSTVD)
- Perform bulk computations for selected or all wells in the project

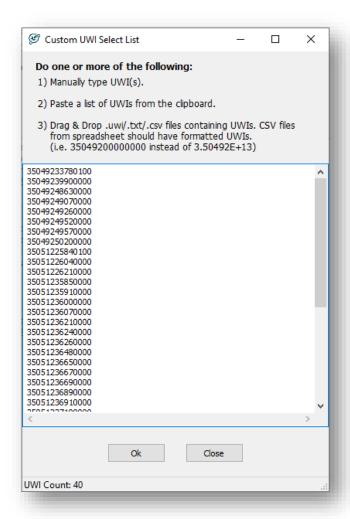




Additional Main Functionality Improvements

Efficiency updates to speed up day to day workflows

- Expanded options for Select wells by UWI list:
 - Copy/Paste
 - Drag/drop txt files
- Database lock option for Well Header: Well label
- LAS import update for Canadian logs: Option to NOT remove letters in API/UWI
- Performance improvements in bulk zone delete

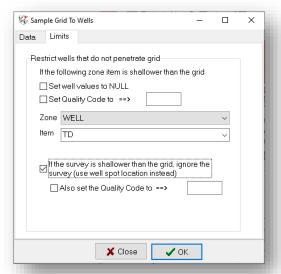


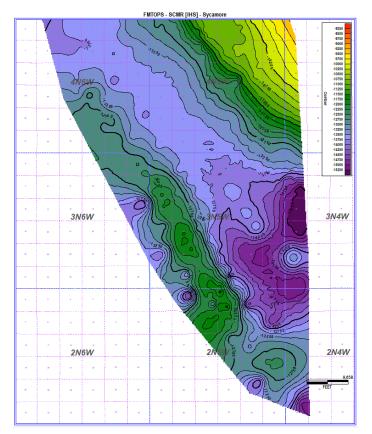
Map Module Enhancements and New Features

Deviated Borehole Data Posting

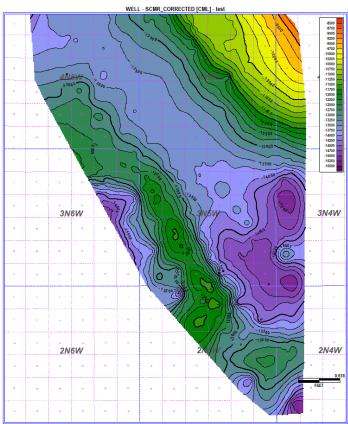
Sampling grid to wells

- Improved functionality in Sampling Grid to Wells
 - > Option to sample at well spot location if deviation survey does not penetrate the grid
 - > Resolves the issue of wells being ignored and not calculated
 - > Options to set quality code





Option not checked Wells with shallow surveys skipped



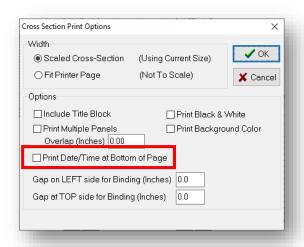
Option checked Well spot location sampled

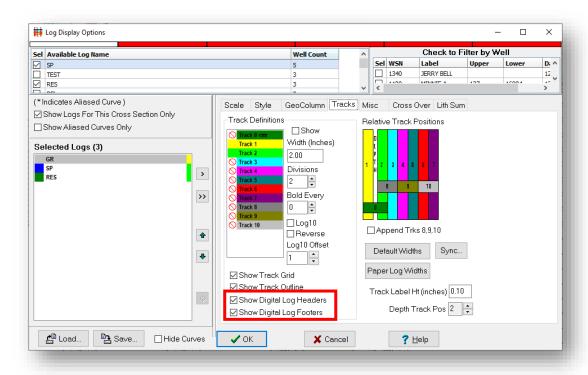
Cross-Section Enhancements and New Features

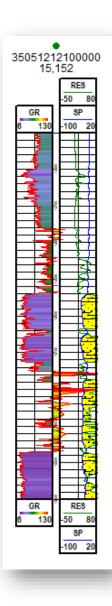
Cross-Section Enhancements

Improved control on cross section display and printing

- Digital log header can post at bottom of log track
- Date stamp in printing now optional







Petra Resources and Events

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> Option 3 (Commodity Insights)

> Option 2 for Petra

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• S&P Global premier learning portal: **The Learning Center** https://learning.ihsmarkit.com/ Product Training / Instant-learning opportunities / Interactive user forums / New self-paced Getting Started courses