Petra 2024 What's New

August 13th, 2024

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Petra Product Manager

July 2024

Petra Releases

July 2023

v. 2023 (3.17)

- New Direct Connections to Bulk Log Database (*WLD, Kingdom*)
- Additional deviation survey calculations
- Updates to User Interface
- Customer feedback and enhancement requests

July 2024

v. 2024 (3.18)

- Improved filtering and performance for Direct Connect to Bulk Log Database
- Improved well selection options
- More categories for search by data criteria
- Updated options for import/exports
- Highly requested map module enhancement requests
- Customer feedback and enhancement requests

2025+

v. 2025 (3.19) and Beyond

- New Direct Connections to North American ADM (REST API)
- Updates to latest Blue Marble version
- Work-flow automation tool
- Petra Data Manager "Sidekick" enhancements
- Performance improvements
- Client feedback enhancement requests

The Future of Petra

Petra Messaging: The future of Petra

Petra is an industry leading software package for Geological interpretation. It is well-loved and respected within the community. Petra has a consistent development effort around feature enhancements and application maintenance. S&P Global CI's support for the application is of high priority due to a strong loyal customer base. We will continue to issue major releases on an annual basis, as well as small releases for feature fixes addressing any client reported or known critical issues.

The goal for continued development of Petra, is to improve workflow efficiencies and add client requested enhancements that remain relevant to the geology community. Listening to our clients requests and needs is number one priority for enhancing Petra.

Petra Messaging: Are we continuing to invest in Petra?

Yes! S&P Global CI's investment in Petra is to consistently provide workflow improvements and enhancements to our user base, while providing excellent product support. We do this for the purpose of generating new business while maintaining our strong loyal user base.

Petra strongly contributes to our GG&E overall revenue targets this would be a detrimental loss to S&P Global CI if Petra was to be retired.

New Features in Petra 2024

S&P Global
Commodity Insights

Direct Connect Logs
Bulk Log Database

- Additional filtering options added to the attribute columns

- Improved UI and import options

- Option to designate location for saved LIC and TIFF files
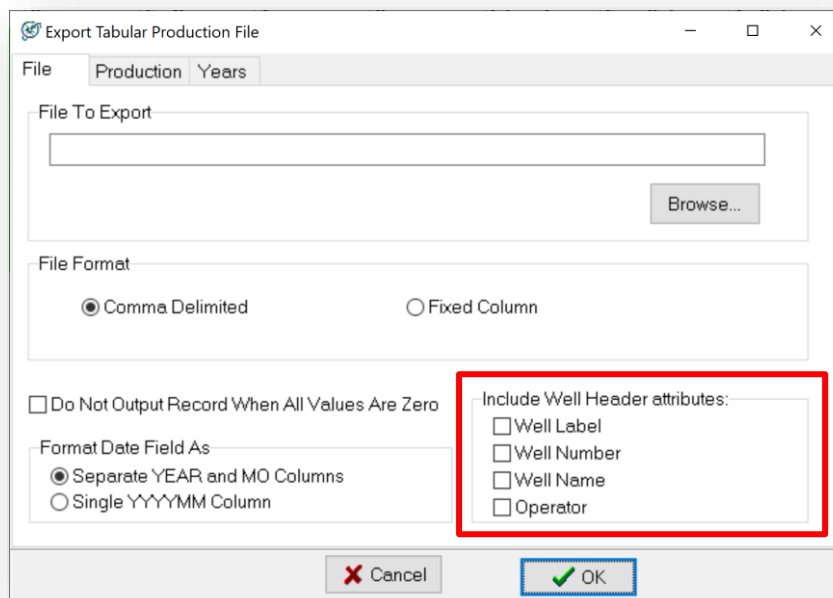
- Import performance improvement

Well Selection Options
Main Module

- Easy highlight and select wells as active wells from Main well list
- Option to create new WSN list from selected wells

S&P Global
Commodity Insights
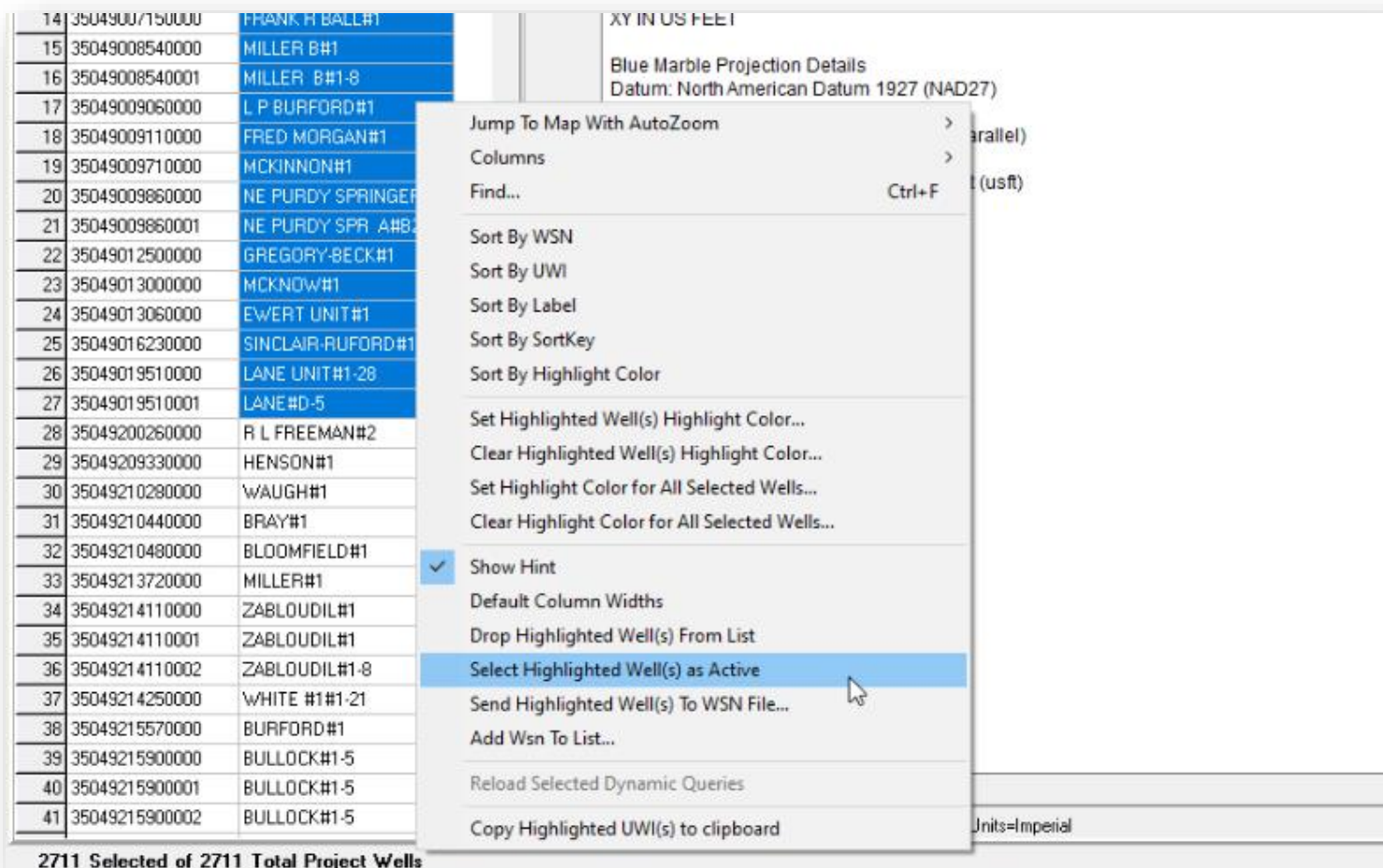
Import and Export Updates

- Option to include well header attributes with Monthly Production exports
- Perforation exports:
  - Filter on perf type and/or formation name
  - Option to add location attributes to perf exports
- Optional export to individual well files for deviation surveys

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Select Wells by Data Criteria

- Core data by interval range
- Wells with any zone items populated
- Active directional surveys
- Production by date range

Map Module Updates
Highly requested user features

- Ruler drawn map line/polygon remains on map after close
  - > Redraw to clear
- Option to restore color defaults
  - > All groups (or all colors if at system level) can be reset
  - > Only the current module group is affected by the reset
- Individual WSN list application to Drainage Ellipses

Beyond 2024
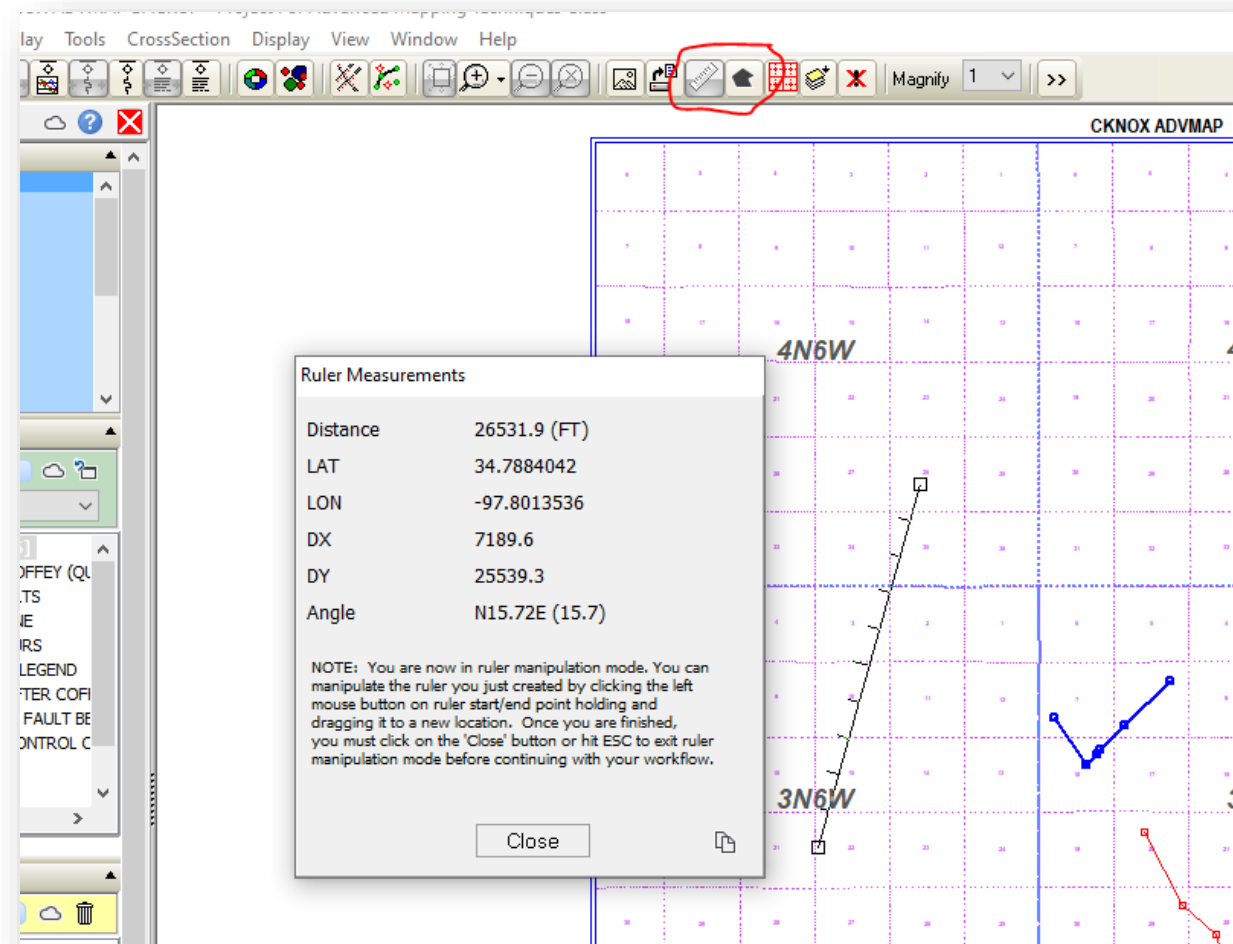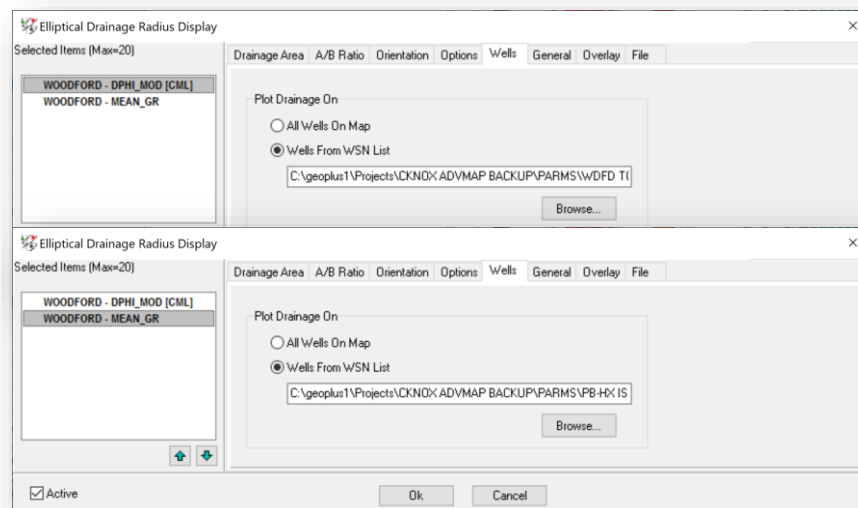
S&P Global
Commodity Insights

Direct Connect North America
Well and production data

- **New data connection to the North American Application Data Model (NA ADM)**
  - Single integrated data model across multiple data sets for S&P Global well and production content
  - Daily refreshed/updated database
  - Import performance and speed increased by 100%
- **Consolidated database providing data population and consistency**
  - More populated data attributes for Canadian wells
  - Improved consistency and population of Operator Names and
  - Improved population of Bottom hole locations

REST API
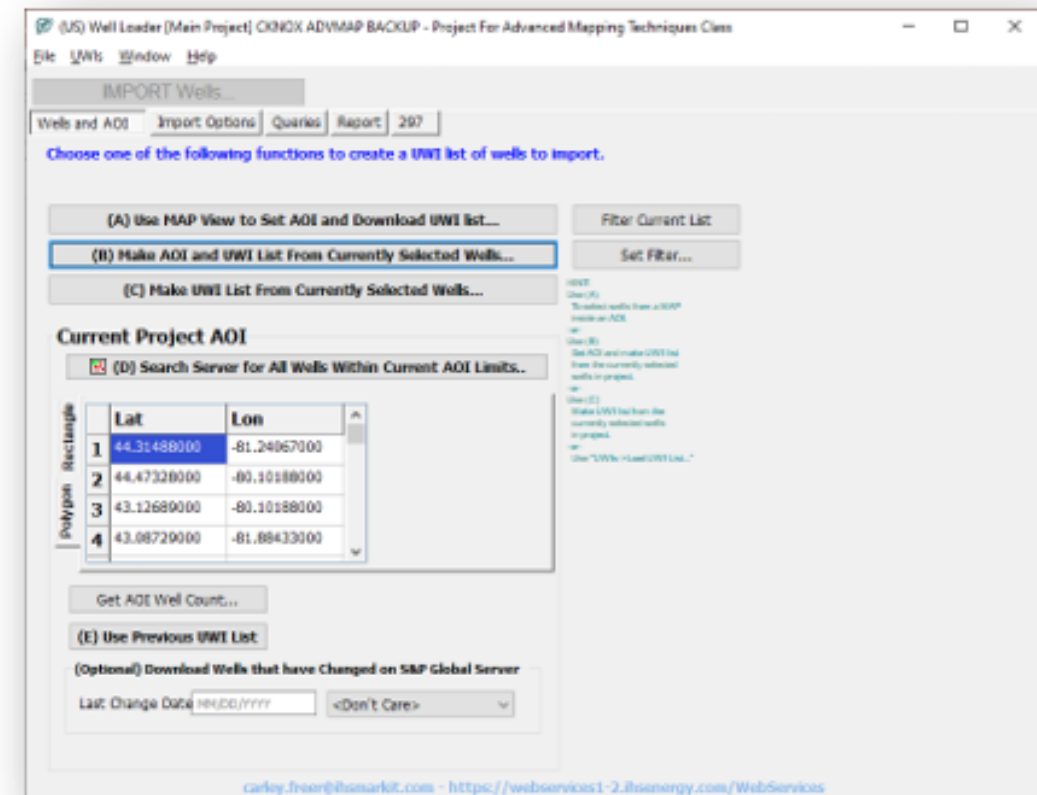
Petra 2025 and Beyond Roadmap Overview
Tentative list as of July 2024

Direct Connect and Data Management:

- Direct Connect to NA ADM
- Direct Connect to Enerdeq REST API migration (WCF SOAP API retiring Q1 2026)
- Updates to 3rd party libraries as needed
- Work-flow automation tool
- Petra Data Manager "Sidekick" template editor
- Import/Export updates
- Client feedback enhancement requests

Map:

- Georeferenced Images
- Client feedback enhancement requests

S&P Global
Commodity Insights
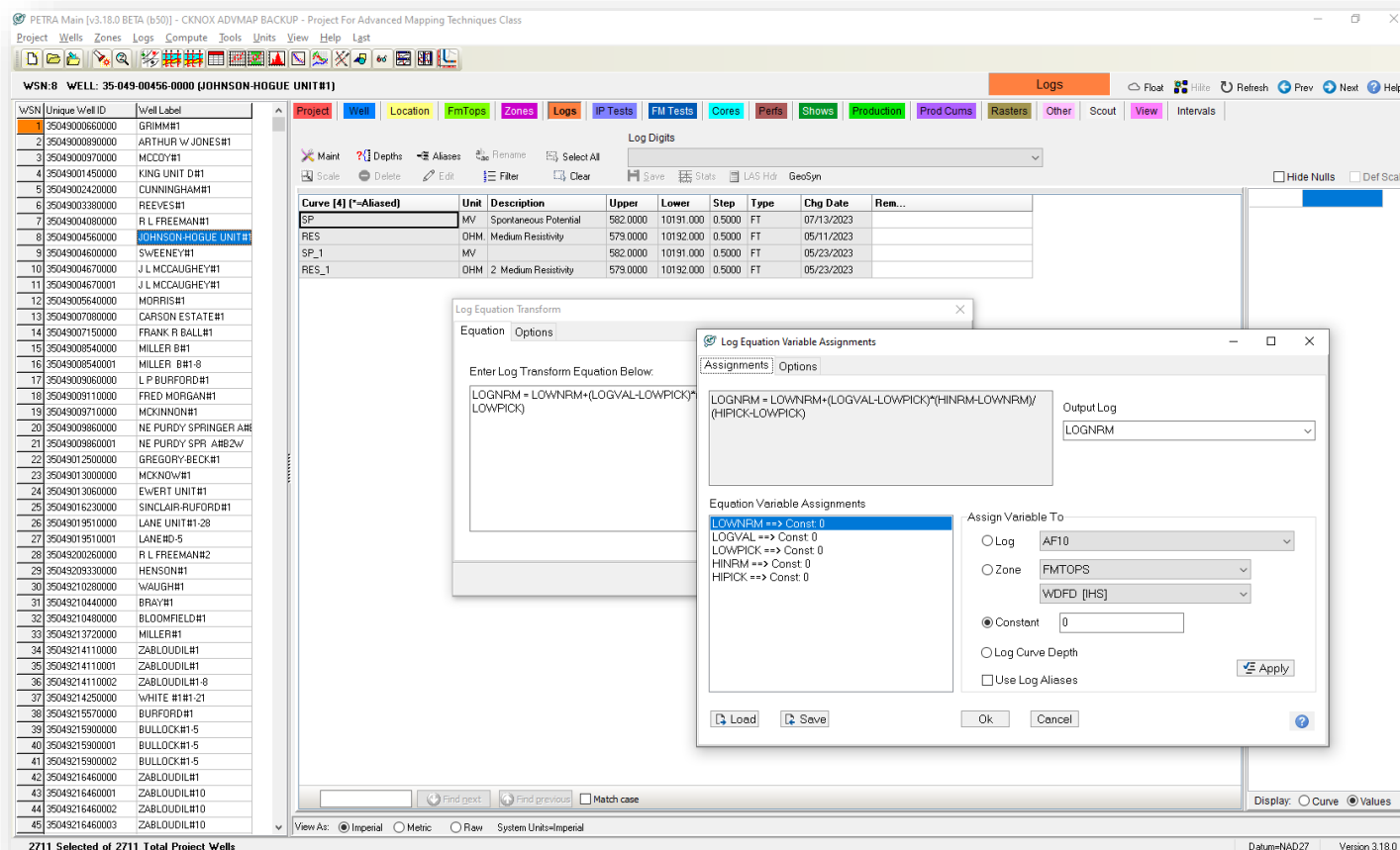
Petra 2025 and Beyond Roadmap Overview
Tentative list as of July 2024

Cross-Section:

- Performance improvements
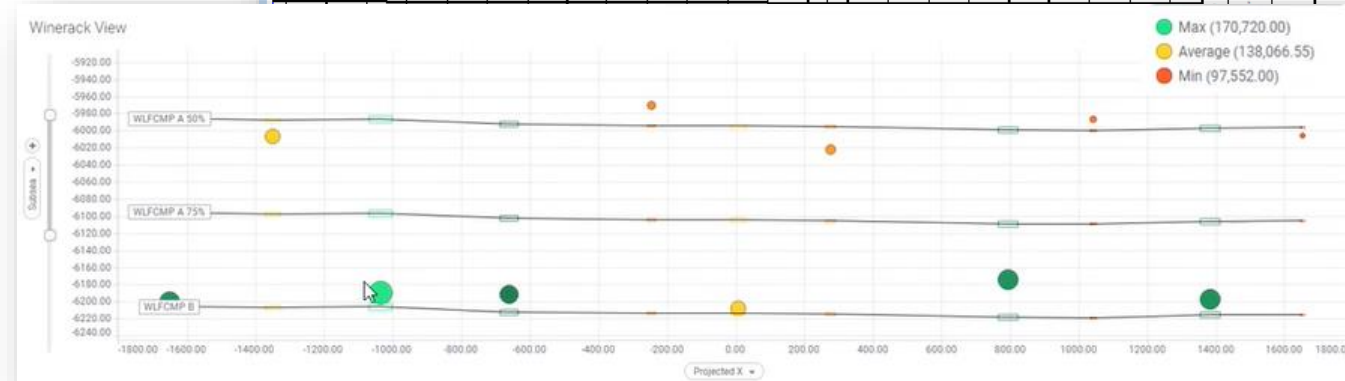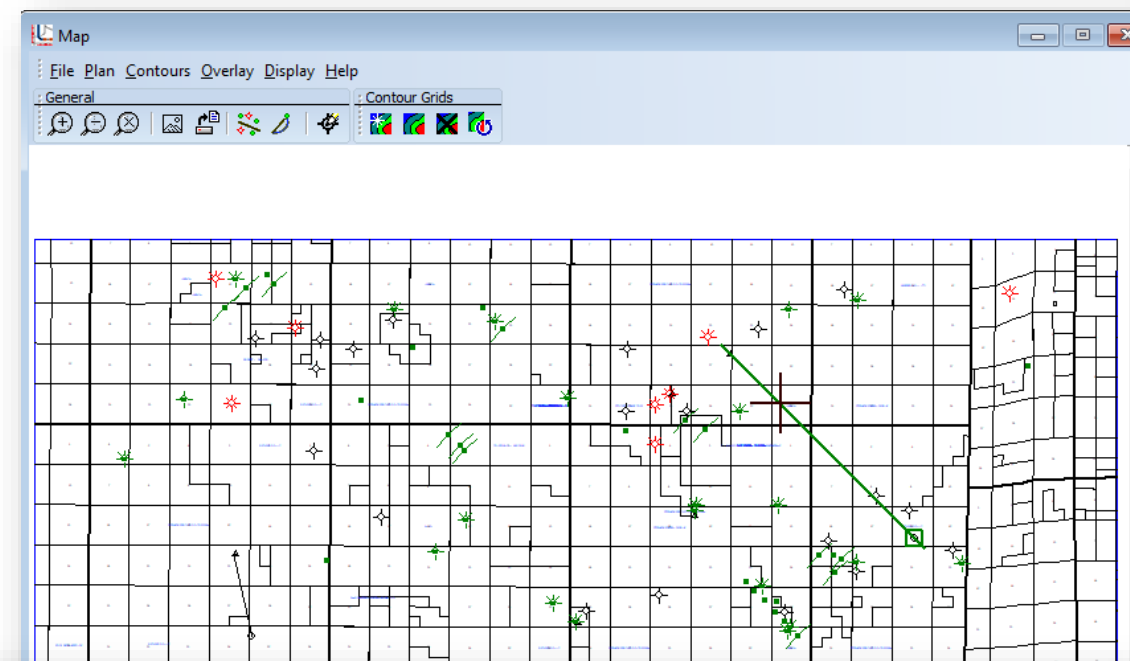- Client feedback enhancement requests

Directional Well Module:

- Gun-barrel/Wine-Rack diagrams:
  - Aids in well-spacing analysis and pad planning and design
  - Advanced analysis to visualize the midpoints of a wellbore in relation to other wellbores and formations
  - Cross-section perpendicular to the lateral length

Petra Resources and Events

- **Customer Care**

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  > Option 3 (Commodity Insights)

  > Option 2 for Petra

- To be added to our mailing lists for online webinars and in person events:

  https://www.spglobal.com/commodityinsights/en/ci/Info/en/a/energy-user-group.html

- S&P Global premier learning portal: **The Learning Center** https://ci-learning.spglobal.com

  Product Training / Instant-learning opportunities / Interactive user forums / New self-paced Getting Started courses