



GVERSE[®]
GeoGraphix[®]
Potential to Production

GVERSE[®]
GeoGraphix
Superior Data-Driven
Workflows

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A COMPLETE GEOSCIENCE PLATFORM



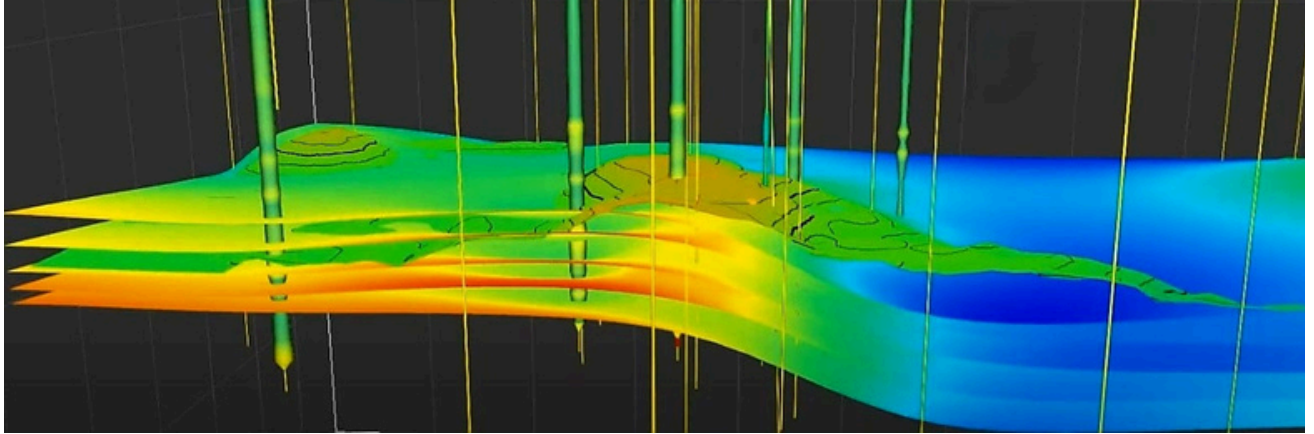
Streamline Exploration and Production Workflows

Our comprehensive GVERSE GeoGraphix solution integrates geological, geophysical, petrophysical, and data management tools allowing geoscience teams to collaborate and make rapid, accurate decisions.

GVERSE GeoGraphix consists of geoscience and engineering solutions focused on workflow optimization and enhancing the productivity of teams working on diverse geological and geophysical projects. GVERSE GeoGraphix applications give you fast, easy-to-use, scalable tools that are interoperable with other known geoscience software suites, creating a truly collaborative ecosystem built around future technology trends leveraging big data, cloud, and deep learning.

Transform Your Geoscience Workflows

Unlock the Power of an Integrated Geoscience Platform for Unmatched Accuracy, Efficiency, and Cost savings



Key Strengths:

- Tight integration that combines industry-leading technologies supported by a common data and project architecture.
- Scalability that meets everyday workflow requirements of consultants and multinational oil companies.
- Flexible licensing that allows you to pay for what you need/use.
- Functionality tailored to both conventional and unconventional workflows.
- Low requirement of IT support in terms of hardware requirements, installation, and setup time.
- At 30% less price than comparable offerings, it is a cost-efficient smart solution for today's geoscientist.
- User-based pricing models.

Release Highlights

GVERSE GeoGraphix 2024.1 release includes over eighty new features to streamline geoscience workflows, helping our customers better characterize the subsurface and produce hydrocarbons.

The latest release introduces direct TGS integration, faster data imports, multilateral well planning, GVERSE Attributes integration in Geophysics, a seismic inversion tool, and improvements in cross-section workflows, GVERSE Geo+ map workflows, and Petrophysics. These advancements position GVERSE GeoGraphix at the forefront of geological interpretation technology.

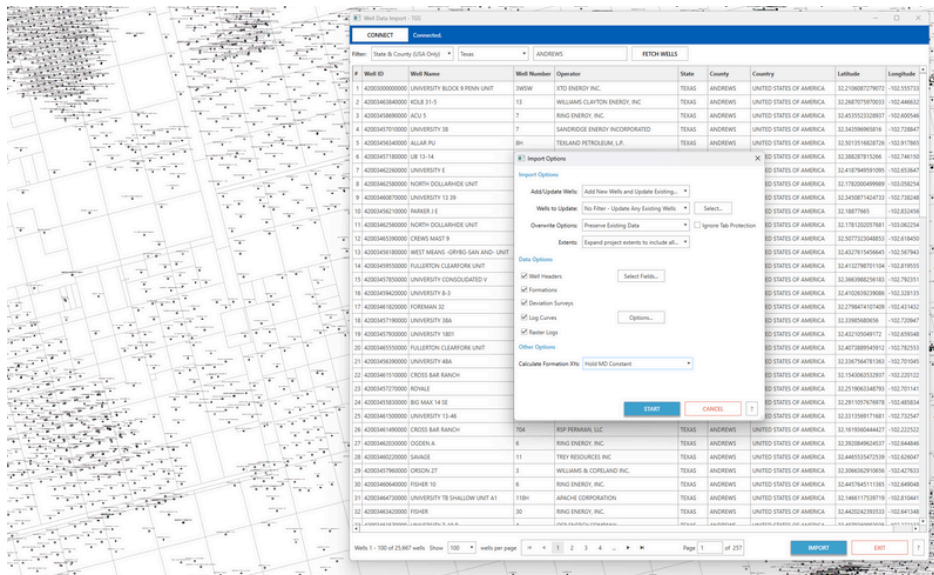
- Direct Connection to TGS for streaming data into GVERSE GeoGraphix projects.
- A new, modern interface for loading Excel spreadsheets and delimited text files with support for Office 365.
- Plan multilateral wells directly on GeoAtlas maps.
- Full, seamless integration of the on-the-fly seismic attribute computation and visualization capability of GVERSE Attributes into GVERSE Geophysics.
- Relative and absolute colored inversion in GVERSE Geophysics.
- More enhancements to GVERSE XSection: intersections with culture data, background images, distance, dip, and azimuth measurement tool and much more.
- Performance improvements across GeoGraphix including Geo+, Petrophysics, WellBase and GeoAtlas.

DATA MANAGEMENT

WellBase

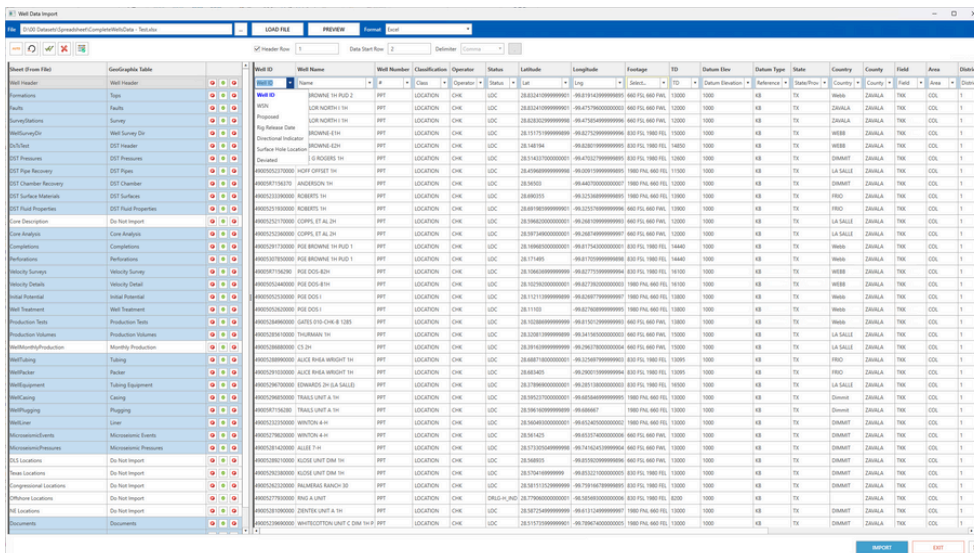
Stream TGS Data into GVERSE GeoGraphix

Connect to TGS servers with your TGS login directly from GVERSE GeoGraphix to import headers, deviation surveys, and digital & raster logs into your GVERSE GeoGraphix projects. Use spatial filters and WellBase filters to only get data you need. Automatically update formation XYs and well layers on import.



Simplify Spreadsheet Imports

A new, modern interface for loading Excel spreadsheets and other delimited text files. Direct integration with Office 365. Map sheets and columns to GVERSE GeoGraphix tables and sheets in a single click. Automatically calculate deviation surveys and update well layers with imported data.



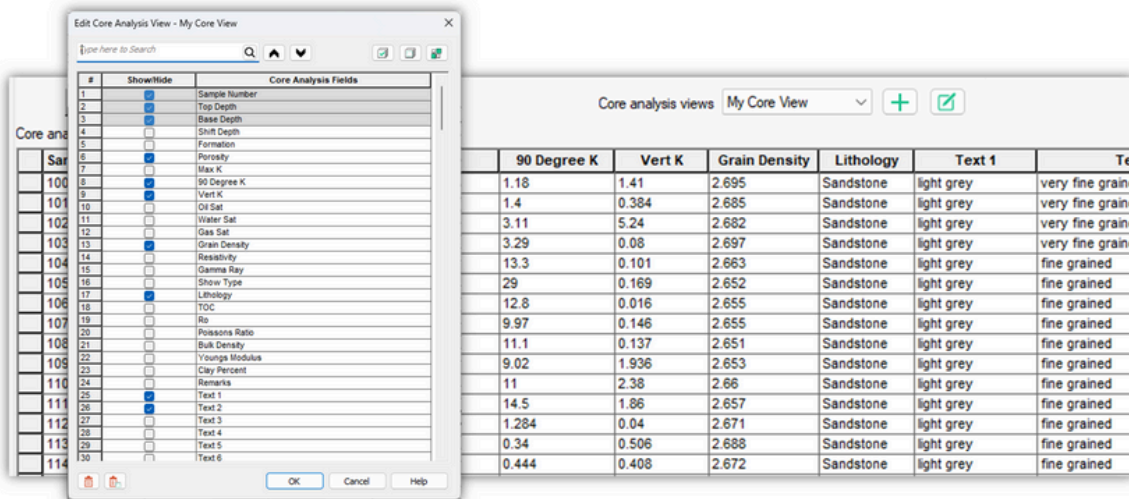
DATA MANAGEMENT

More Control on Your Imports

Prevent accidental overwrites for well headers, surveys, DSTs, cores, completions, and production data with expanded tab protection. Update all or preserve your existing data and overwrite only null fields when importing vendor-provided well data.

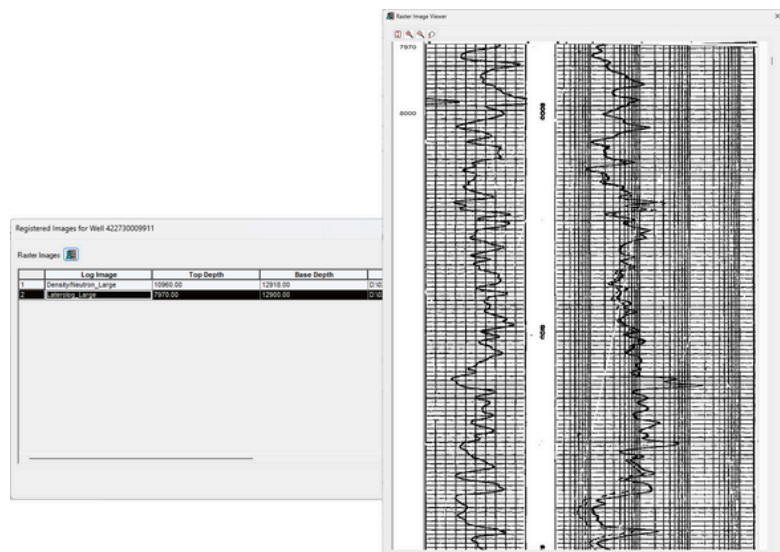
Customize Core Displays

View only the core analysis fields you want to see with the new core analysis views. Create multiple views available across the project for cleaner, more efficient display of data.



Other Enhancements

View raster logs directly in WellBase. Specify a buffer for sampling layers to ZoneManager. Analyze statistics for injection, CO₂, Nitrogen, and Sulphur. Expanded Well Header to include a Surface Hole Location field for Canadian well data.



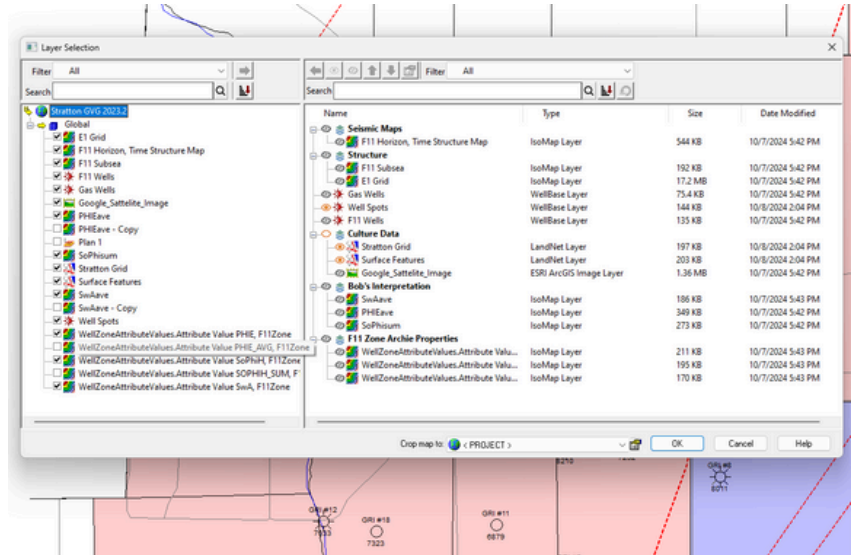
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GEOLOGY

Mapping

Search, Restore, and Organize Layers and Maps

Quickly find layers with a new search function in the Layer Select dialog. Use *previous* and *next* view options to restore your map. Expanded support for layer stacks in Layer Selection and Display Attributes dialogs.



Easier Visualization of Distances & Locations

Add a buffer around wells and wellbores as a new entity of the well layer. Estimate distances more accurately with the new cursor spotlight tool. Control size and appearance of well highlights. Easily switch CRS of the cursor readout with a new hot key.



Other Enhancements

Set partial transparencies to IsoMap color fills. Expanded search ability to include stack names in the layers panel and other usability enhancements for more efficient workflows.

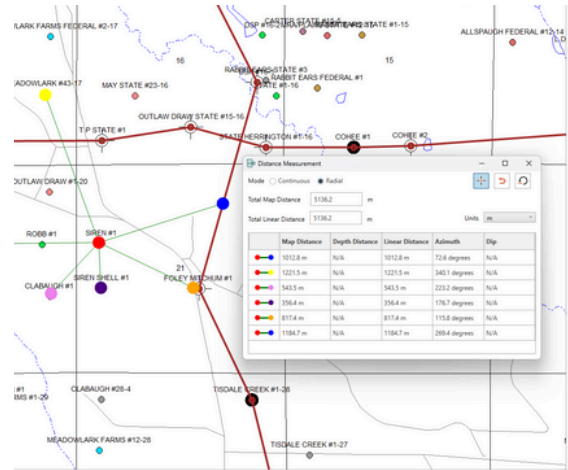
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GEOLOGY

GVERSE Geo+

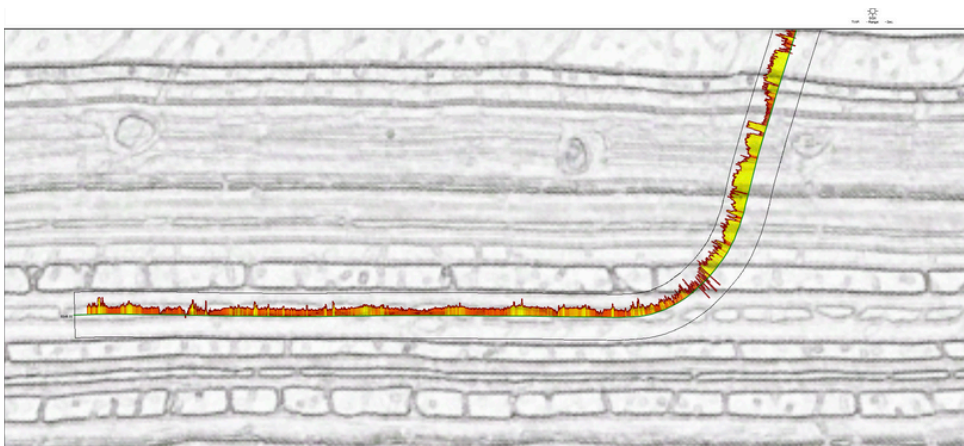
Do More with the Map

Crop the GVERSE Geo+ map to an AOI or custom extents to focus only on the area of study. Measure distances and azimuths between successive points or from a single point. Get more done, faster with an updated UI for easier interaction with objects on the map and the overall application.



Do More with Cross Sections

Show and post distances from entities on culture layers, hide tracks with no curves, add background images, set custom datum values, and more. An enhanced measurement tool to measure distances, azimuths and dips. Interpolate virtual UDE curves between wells. Many usability enhancements for even more efficient workflows.



Performance and Other Improvements

Work faster with performance improvements ranging from selecting wells to adding wells to a cross section to configuring the geomodel for detailed structural analysis. Multiselect wells for bulk actions, redesigned menus and dialogs for easier access and more control.

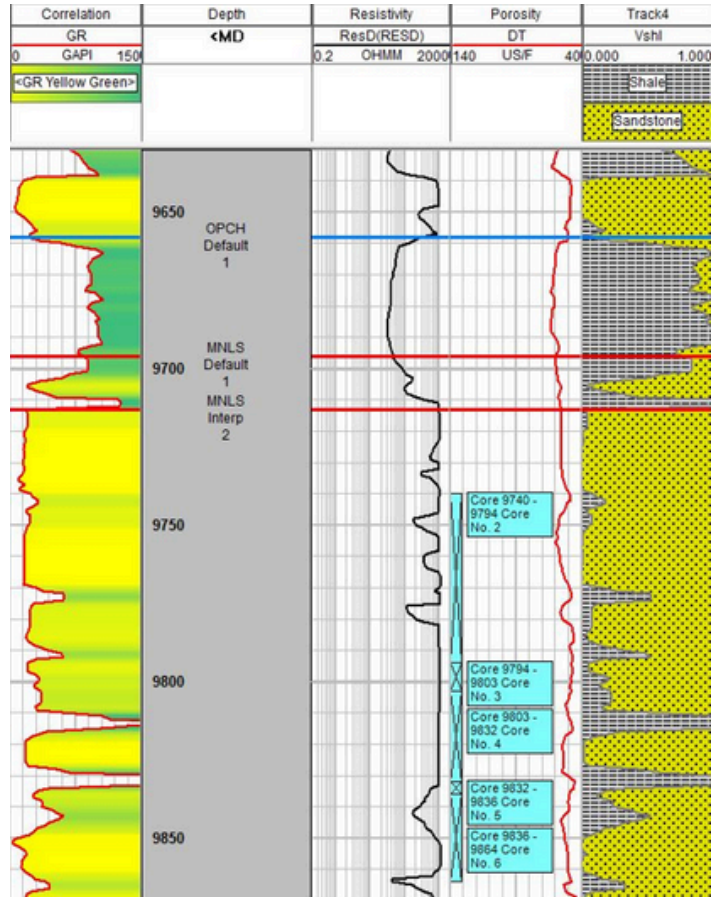
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GEOLOGY

GVERSE Petrophysics

Faster Calculations & Data Filtering

Significantly faster filter selection and execution. A common filter for across GVERSE Petrophysics and a cache to bypass repeated trips to the DB. Skip pay summations for curves with nulls in the zone of interest. Significantly faster computation for Res/Pay and CDS calculations, especially when saving to ZoneManager.



Added Flexibility for Curve Data Management

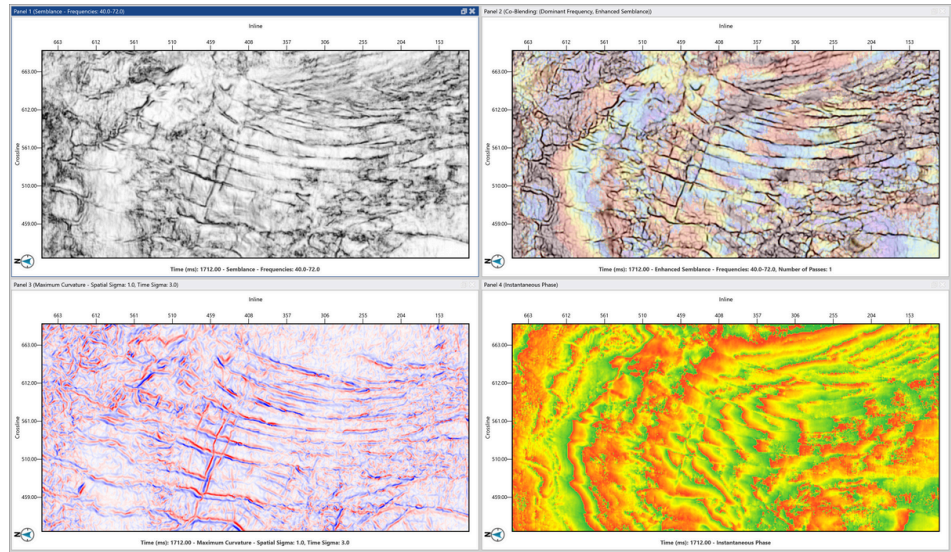
Ignore unwanted characters when importing curves and add suffixes for easier distinction of new curve data. Display fill zone names in report and summary views.

GEOPHYSICS

GVERSE Geophysics

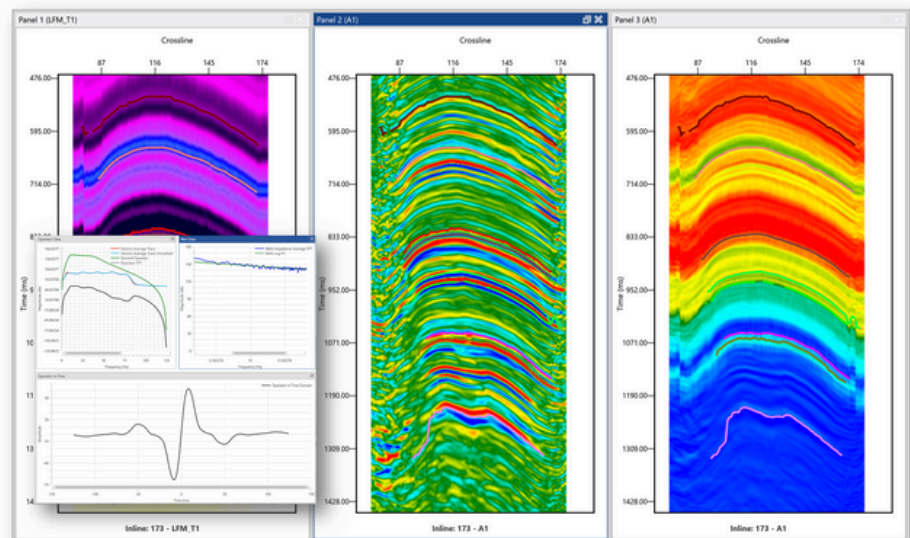
Compute Seismic Attributes on-the-Fly

Calculate, display and compare on-the-fly seismic attributes in the new Multi View window. Add horizons, faults, and wells to your displays to gain deeper insights. Attach output volumes directly to your interpretation.



Invert Seismic for Impedance Volumes

Analyze seismic and well data spectrums to create suitable inversion operators. Apply operators to input seismic in the new Multi View window. Incorporate horizon data to create low-frequency models for absolute impedance calculations. Generate relative or absolute volumes and attach them directly to your interpretation.

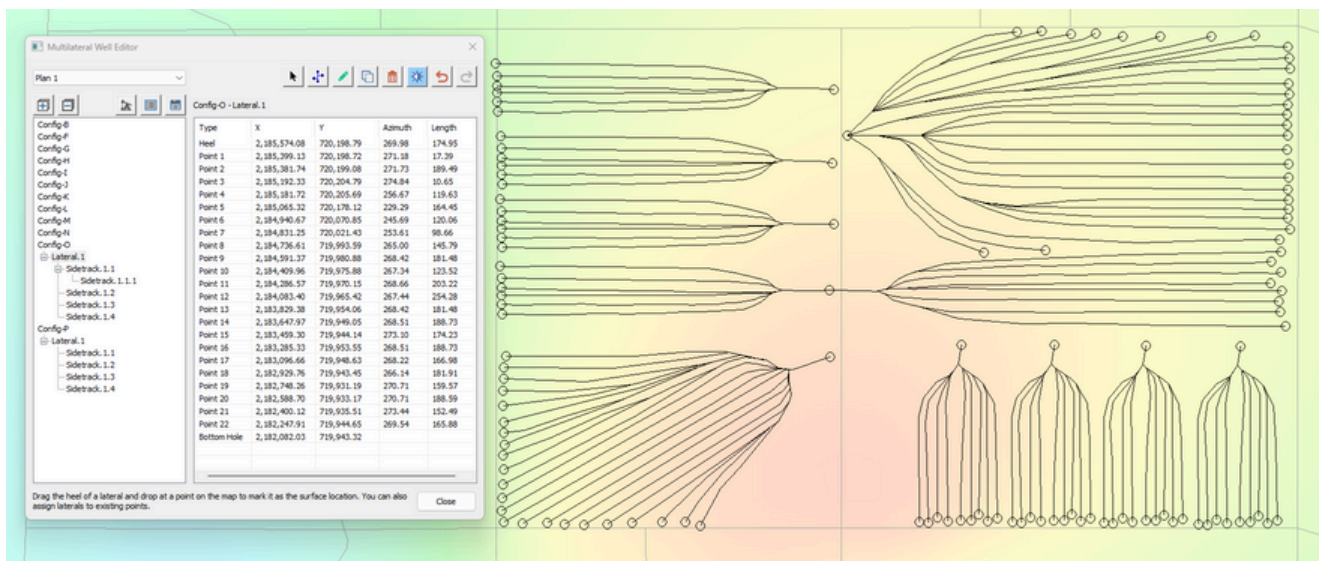


FIELD PLANNING

GVERSE Field Planner

Plan Multilateral Configurations

Digitize multibranch lateral, planar or stacked laterals, fishbones, u-laterals or any other multilateral configuration directly on the GeoAtlas map. Assign surface locations, edit and copy well sticks or the entire configuration quickly and easily. Generate geopros and drilling reports and save wells and proposed surveys straight to WellBase.



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Requirements

To run the application, you need one of the following operating systems installed on your system:

- Windows® 10 Professional x64
- Windows® 10 Enterprise x64
- Windows® 11 Professional x64
- Windows® 11 Enterprise x64

Licenses

The following licenses are required to run the software:

- GVERSE GeoGraphix license version 2024.1
- License Management Tool version 2024.1

Hardware

Minimum

- 2.4 GHz 64-bit processor 8 GB RAM
- Any DirectX 11.1 capable card comparable with NVIDIA® GeForce GTX 430 with 1GB VRAM. DirectX is not shipped with GVERSE GeoGraphix 2024.1. You must download and install it separately.
- 1366 x 768 screen resolution

Recommended

- Quad 3.2 GHz 64-bit processor 32 GB RAM
- Any DirectX 11.1 capable card comparable with NVIDIA® GeForce GTX 3080 with 6GB VRAM. DirectX is not shipped with GVERSE GeoGraphix 2024.1. You must download and install it separately.
- Solid state Drive (SSD)
- 1920 x 1080 screen resolution