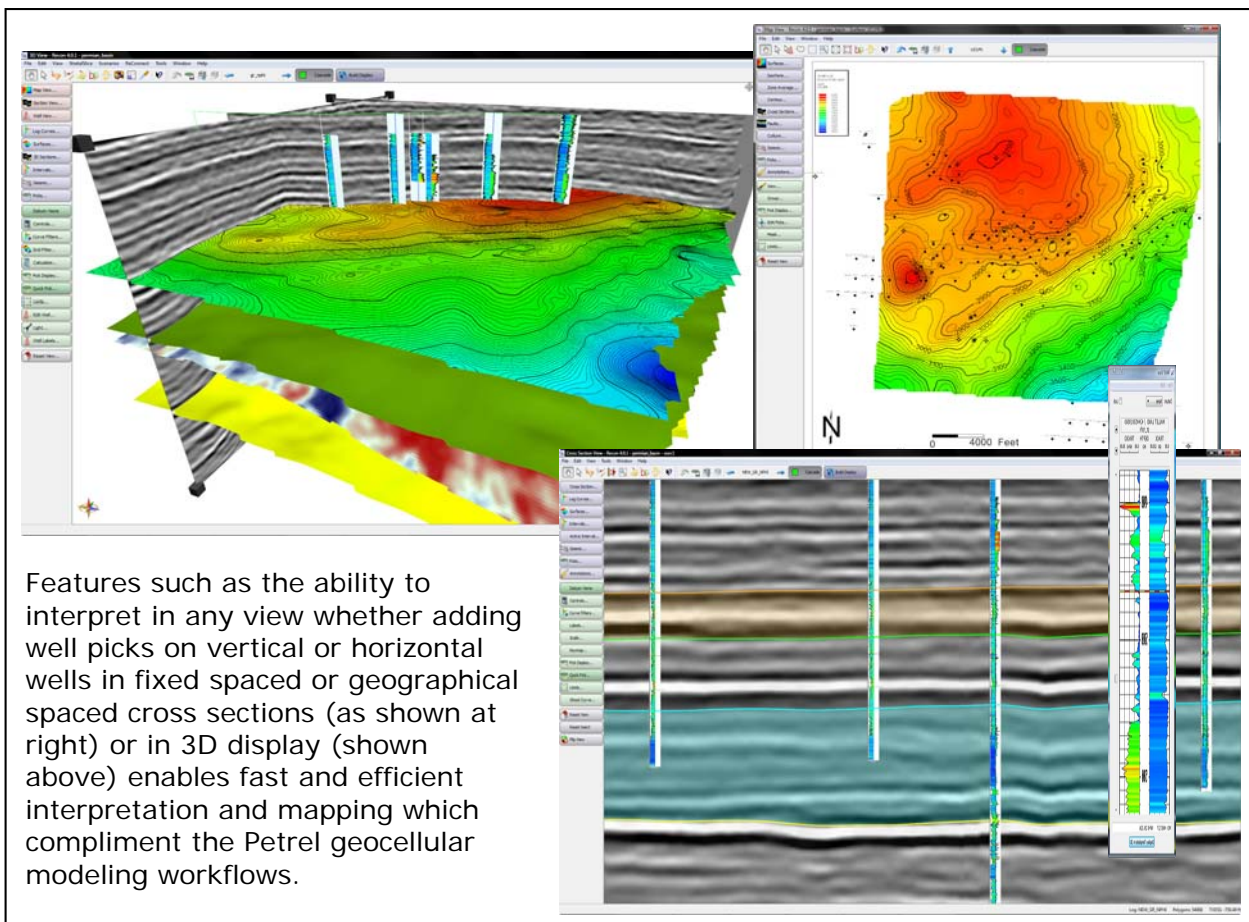


RECON PETREL PLUG-IN

“Fast & efficient data sharing provides collaborative geological interpretation and reservoir engineering modeling workflow for increased accuracy and efficiency”

Challenge: Geoscientists assimilate data from a variety of sources and utilize that data to generate a coherent interpretation of the subsurface. Geological cross sections and maps are the visual language of the geologist. Modeling software, GIS systems and digital databases unfortunately do not yet possess the geologists powers of interpretation and deduction. RECON[®] was developed by geologists for geologists to automate processes such as the tedious computational mapping of surfaces, thickness and properties to test interpretation theories therefore enabling them to “speak their visual language” and focus on interpretation.

RECON goes one step further with the Geologic Scenario Manager to capture the geological language by automatically tracking all changes made to the interpretation and providing the option to create and compare multiple interpretation versions. This empowers the geologists to communicate how an interpretation was developed and the alternatives to that interpretation to better define the risk associated with the project. The challenge is to ensure geoscientists can take control of their interpretation workflows and have the flexibility to leverage RECON day to day along side the Petrel modeling workflow.

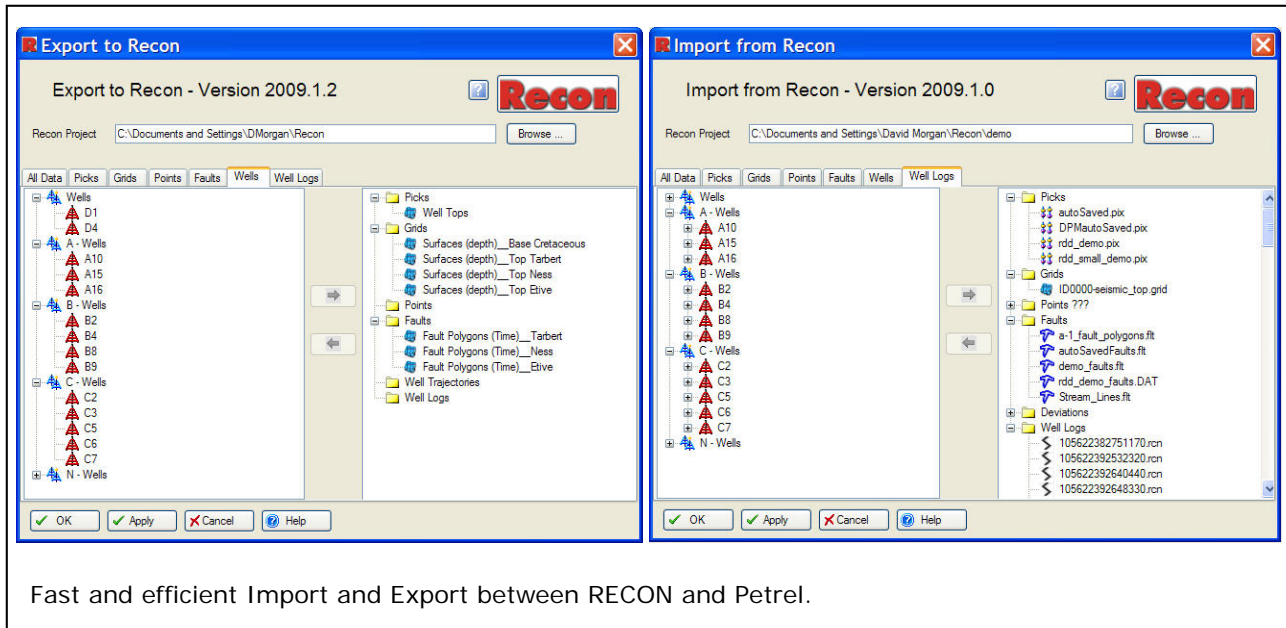


Increase Efficiency, Reduce Geological Deterministic Risk

Geologists report that a significant amount of their time is typically spent loading, checking and quality controlling data and then transferring their interpretations into modeling tools such as Petrel. Geologists should be focused on geology and not the mundane tasks of data translation and manipulation. The RECON[®] Petrel[®] Plug-In enables efficient exchange of data and interpretations so it is now easier than ever before to leverage the benefits of RECON.

Features:

- ✓ **Export to RECON** and **Import from RECON** plug-ins are launched from within Petrel.
- ✓ Available data types for transfer include Wells, Deviations, Log Curves, Well Picks, Surfaces and Fault Polygons.
- ✓ All data can be transferred with a single button click or specific data can be mined and individually selected
- ✓ In addition, the **RECON ReConnect** utility enables direct read/write to OpenWorks® and includes an OpenSpirit® link therefore data can be transferred seamlessly to/from all other industry standard data bases and applications.



Fast and efficient Import and Export between RECON and Petrel.

Complementary functionality & benefits:

- ✓ **Automation, no workflow steps to set up & very easy to use**
Instantly see isochores during interpretation, beneficial for:
 - ✓ Mapping thin & non continuous beds.
 - ✓ Carbonate stratigraphy, zone mapping of evaporate thickness and porosity.
- ✓ **Automated capture and comparison of multiple interpretations beneficial for:**
 - ✓ Quantification of deterministic geological risk to reduce uncertainty.
 - ✓ A decision point QC and audit process capture for reserve reporting.
 - ✓ Interactive and transparent communication of interpretation decision points and collaboration between peers, managers and partners.
- ✓ **Optimized Complex well path workflows** — displays in 2D & 3D, multiple picks possible beneficial for:
 - ✓ Fast & accurate interpretation horizontal wells.
 - ✓ Planning horizontal wells.
 - ✓ Interpreting during drilling.
- ✓ **Extremely fast graphics, specialized displays beneficial for:**
 - ✓ Rapid project scanning & orientation—ideal for starting a new project, QC, peer reviews, partner meetings & data rooms.
 - ✓ Working with 1000s wells such as oil sands.
 - ✓ Generating images for well planning documentation & presentations.