



**Discover
Your
Potential**

By unleashing the
power of GeoGraphix



Supporting the way that younger geoscientists want to work

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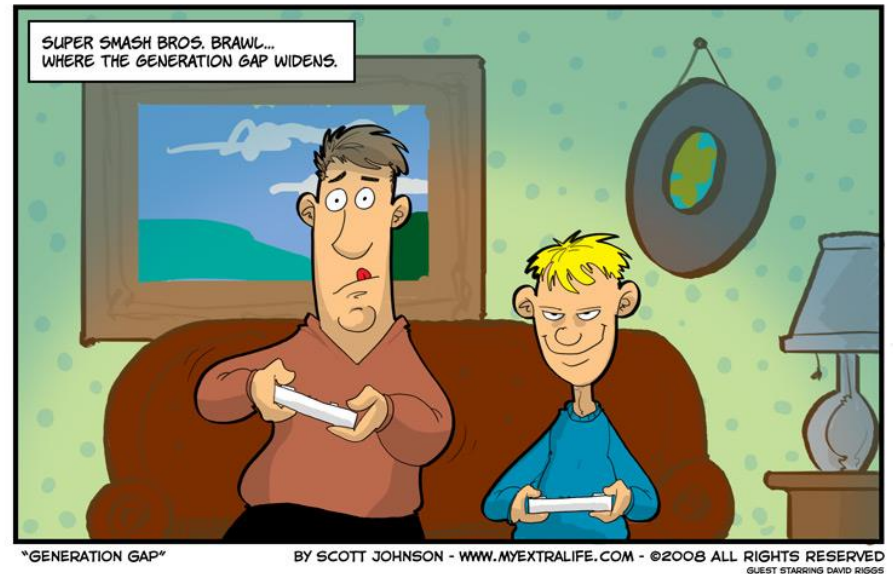
The “Great Crew Change”

- E&P Companies Average Age = 50*
- % of students graduating with geoscience degree
- # of jobs vs # of applicants
- Not enough experience to manage E&P projects

*Source: Deloitte Survey 2005

Rapid Demographic Change

- Younger generation raised on video games
- Different expectations on how G&G software should look & operate



A Changing World.....





Younger Geoscientists Challenges

- Multi disciplinary teams
- Huge amounts of subsurface data
- Fast turnaround of information required
- More complex E&P issues emerging
- Savvy in technology but poor in experience



How Software Helps

- Enables novice geoscientists to interpret in minutes
- Integrates all types of data sources
- Allows huge volumes of data to be visualized
- Trend towards integrated suites to satisfy all multi-disciplinary needs



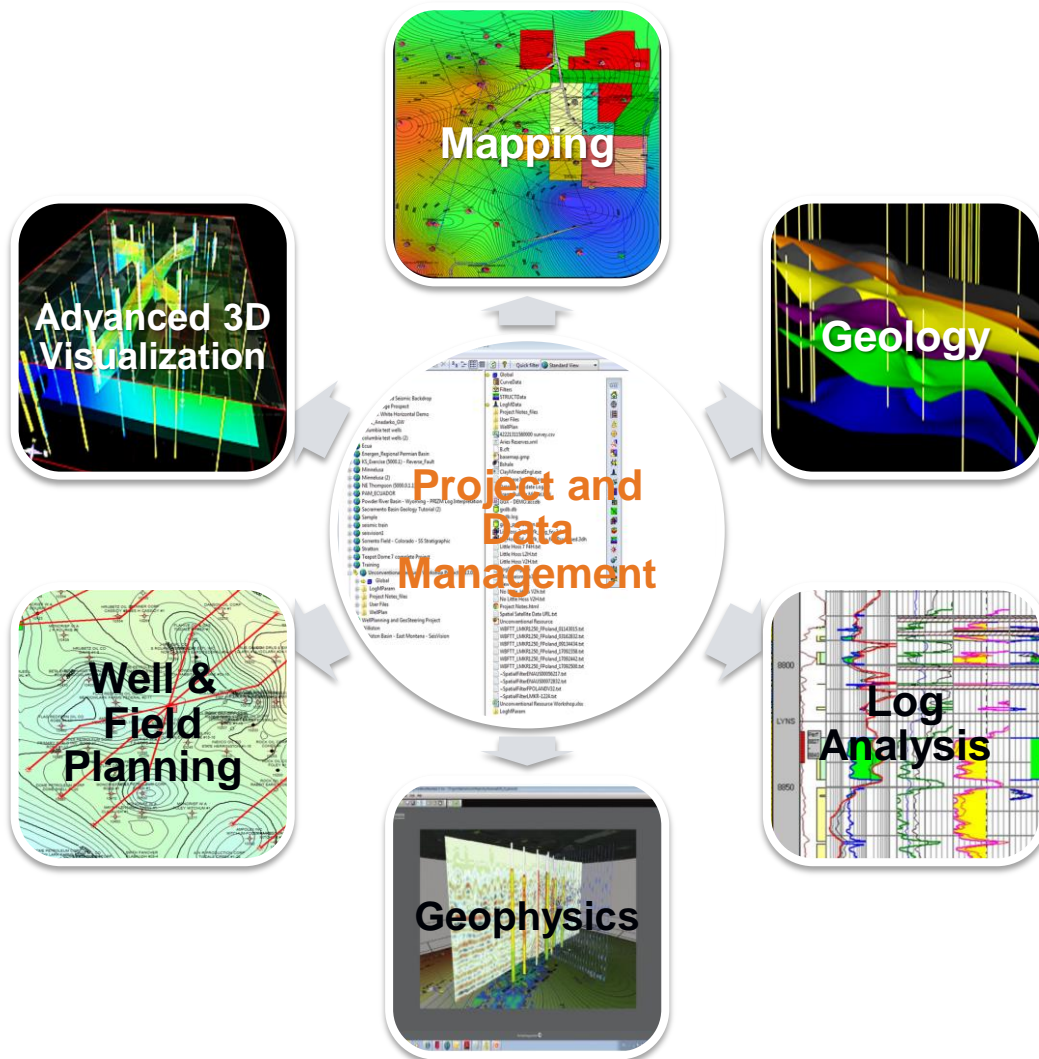
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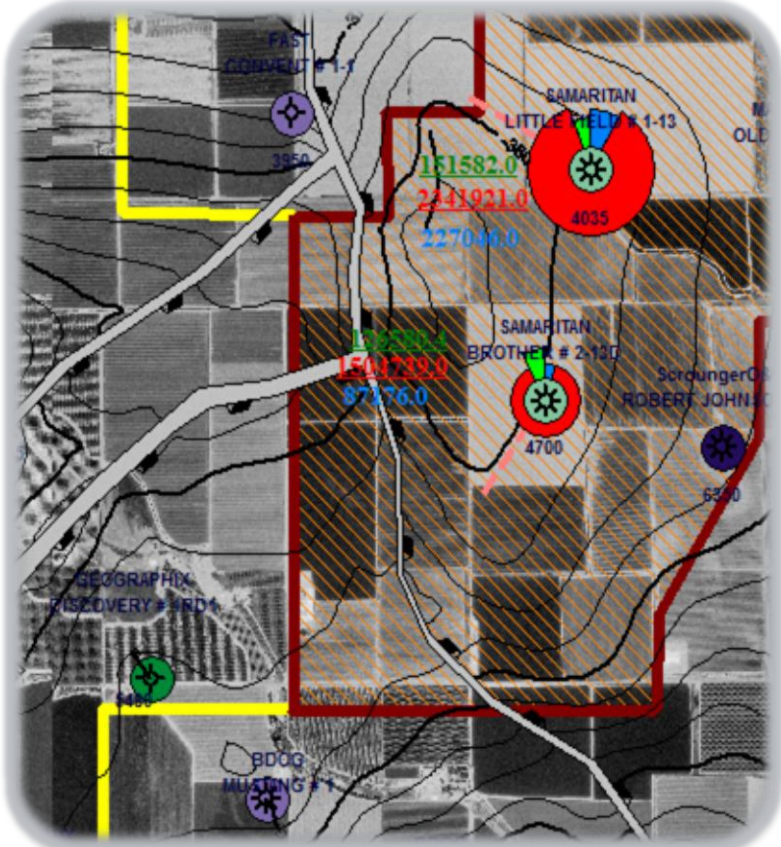


GeoGraphix & The Younger Generation

Introducing GeoGraphix



Data & Mapping

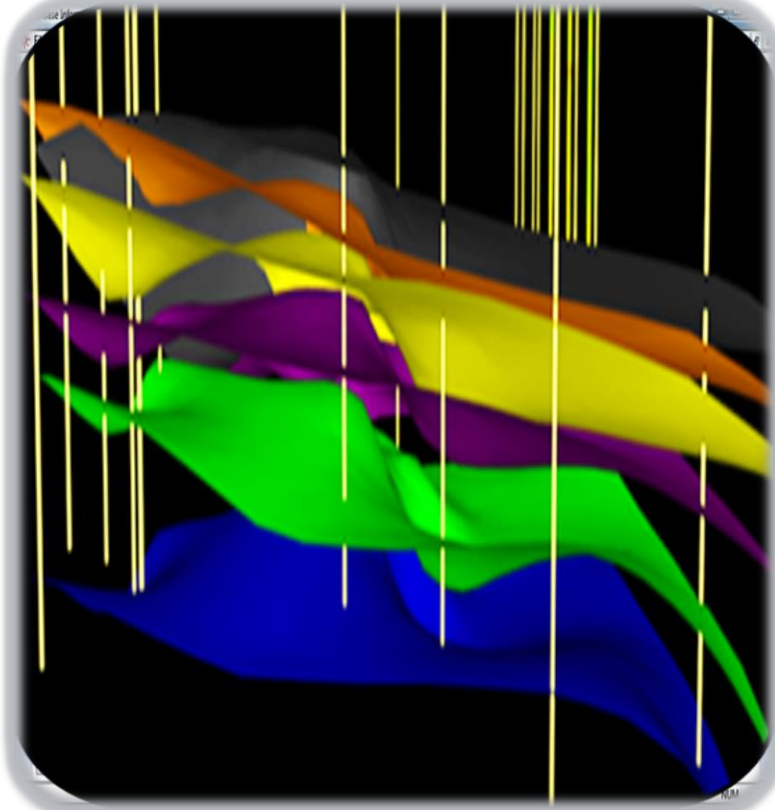


Presentation quality graphics while you interpret

- Spatial access to your data
- Gridding, contouring, fault interpretation
- Bubble, pie, thematic & lease mapping
- Dynamically map from external data bases



Mapping Overview



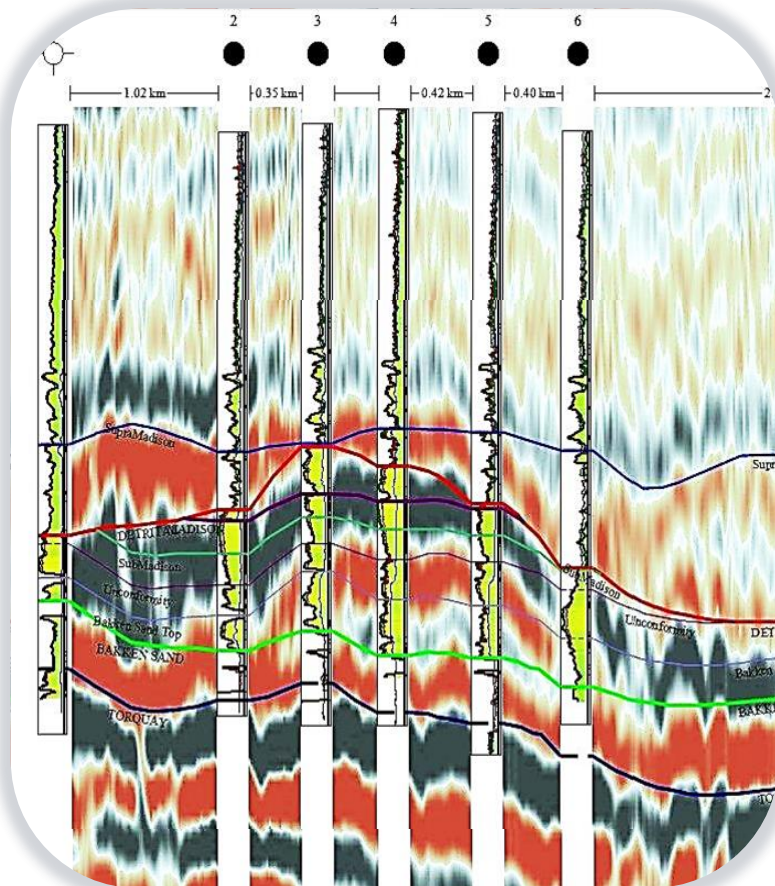
Make this well better than your last through integrated geological interpretation

- Powerful stratigraphic & structural analysis
- Accurate dynamic surfaces
- Sealed 3D earth model
- Rapid well log correlation
- Predictive tops
- Instant depth converted seismic
- Integrated with petrophysics



[Geological Interpretation Overview](#)

Geophysics



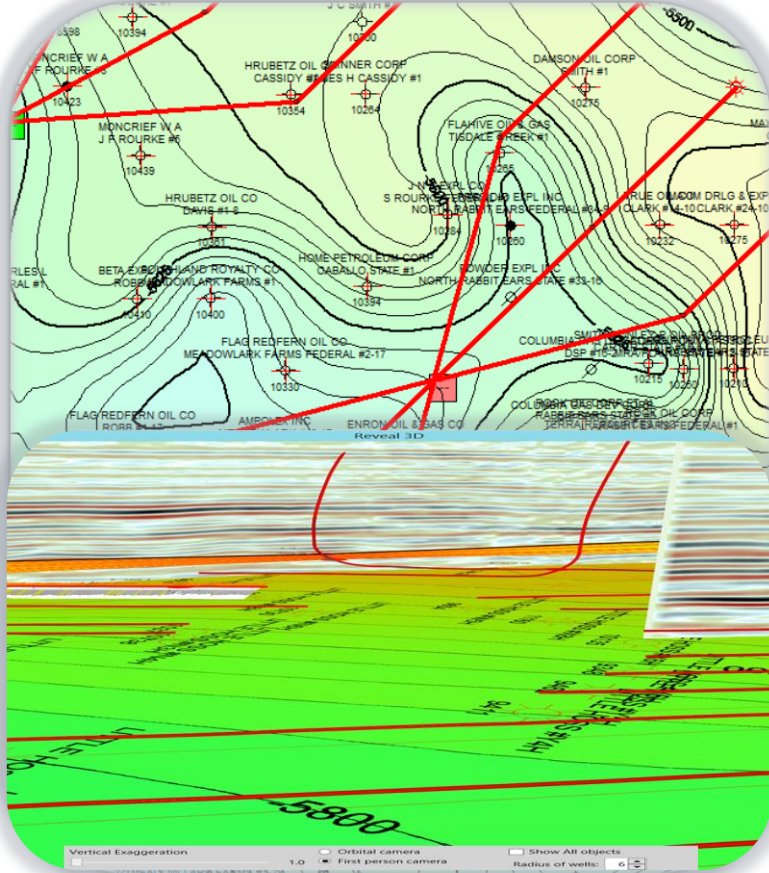
Integrate seismic into your geomodel

- Fully integrated, performant 2D/3D seismic interpretation system
- Provides superior workflows & integration with depth geomodels
- Velocity modeling & depth conversion



Geophysics Overview

Advanced Field Planning



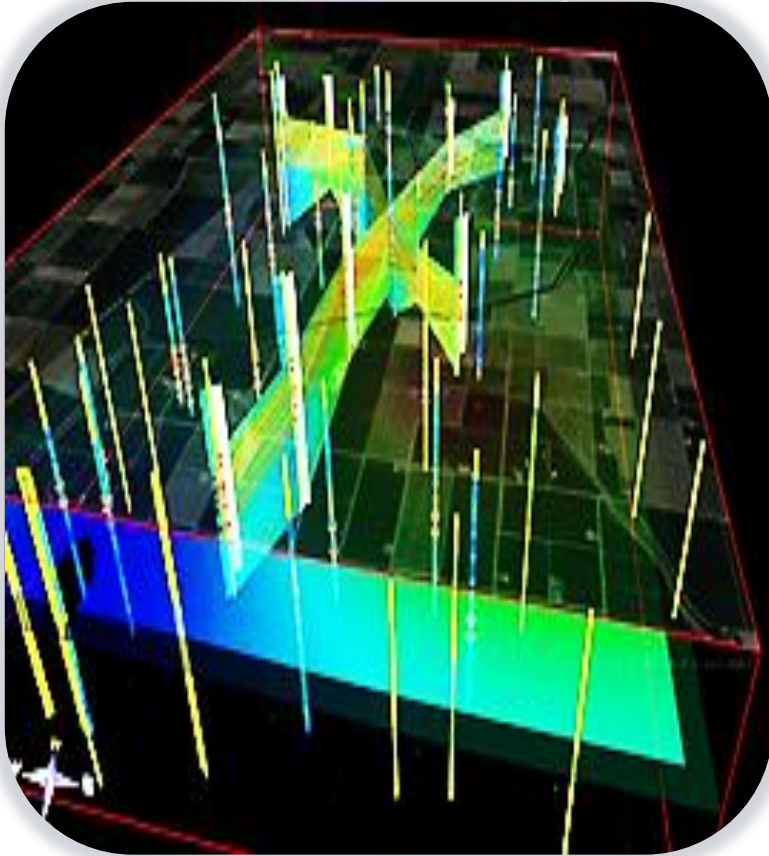
Create, save, analyze, and manage multiple field plan scenarios quickly

- New pad design & ability to view field plan pads and proposed well locations
- Enables directional surveys for individual wells or entire scenarios
- Enable far more efficient field development workflows for entire asset teams



Advanced Field Planning

Advanced 3D Visualization



See where your next BIG opportunity lies!

- Quickly create powerful and informative base maps, fence diagrams and seismic backdrops to gain better understanding reservoirs
- 2D Maps can be easily visualized in 3D
- Provides increased insight into the true nature of the sub-surface geology

 [3D Visualization Overview](#)

Future Direction



Advanced Interpretation & Geomodeling

- Geomodeling while drilling
- Improved G&G interpretation & analysis
- 3D Visualization of G&G & engineering data
- Enhanced reservoir characterization

Improved Field Operations

- Expand well & engineering data
- Field planning & hazards avoidance
- Enhanced G&G & Engineering integration
- Geosteering w/enhanced reservoir information
- Enhanced GIS capabilities

Workflow Efficiency

- Streamlined workflows
- Tools for reporting & data mining
- Real-time updates/utilization of data
- Architected for scalability & collaboration
- Connectivity tools



Enabling Technologies

- LMKR Product Development
 - VOIP
 - Collaborative platforms for application lifecycle management & global communications platform
 - Heavy use of multi-media and video
 - Internal social media platform to facilitate efficient project management
- Client Interaction
 - Support portal
 - Videos and webinars
 - Blogs & Social Media



Conclusion

With all this software technology available for the clever young geoscientist one might sum up their daily experience:

“Work is not a job, it’s a game!”



Follow up

- See entire capabilities -
www.lmkr.com/geographix/demos/
- Take a test drive to experience GeoGraphix for yourself

Thank you

