A single picture is worth a thousand words and advanced 3D visualization from LMKR-GeoGraphix gives you the complete picture of the subsurface by enabling you to visualize your interpretation with a single button click. Simply drag a bounding box around an area on your map and all wells, cross sections, log templates and subsurface layers in the map area are immediately visible in the 3D Scene. It's that quick. It's that easy.

**Benefits**

**Integrated 3D environment**
That enhances collaboration between geoscientists, engineers and petrophysicists.

**Make better planning decisions**
Quality control your field plans and proposed well trajectories for making better planning decisions.

**Identify Faults and Hazards**
Use seismic backdrops to mark faults and identify hazards.

**Easy Integration**
GeoGraphix advanced 3D integrates directly with the GeoGraphix mapping environment.

**Key Features**

**Microseismic**
View microseismic data to better understand fracture orientation, and help plan target locations.

**Fence Diagrams**
No rework required as existing cross sections are used to create fence diagrams in advanced 3D views.
Visualization

Visualize depth converted seismic backdrops
Around wellbores, along wellbores, along fence diagrams and as an inline, crossline or arb-line

Display log templates
Advanced 3D goes way beyond blades and lathes for log display. Entire log templates can be displayed along wellbores in high resolution for a 3D view of the subsurface that incorporates deep petrophysics.

Drape layers on 3D Surfaces.
Contours, satellite images, landgrids – anything visible on your map can be draped on a subsurface layer.

Requirements
Advanced 3D Visualization is included in the GeoGraphix Pro Package and is not sold separately. GeoGraphix Pro requires one of the GeoGraphix packages to run in conjunction with. At a minimum, a basic interpretation package (Basic Geological Interpretation System or the equivalent modules), for seismic interpretation SeisVision or one of the Seismic Interpretation Systems is required.

To take advantage of the full power of GeoGraphix Pro, one of the GeoGraphix Advanced Interpretation Packages are advised.

Hardware (MINIMUM)
- 2.4GHz 64-bit Intel class or better
- 4GB RAM
- 1,024 x 768 graphics resolution
- CD-ROM drive
- 19-inch monitor
- NVIDIA GeForce or Quadro - 1GB video RAM

Hardware (RECOMMENDED)
- Quad 2.4 GHz 64-bit Intel class or better
- 8 GB RAM or greater
- Graphics card with hardware support for DirectX 11 and 2GB dedicated VRAM
- DVD-RW drive
- Dual 21+-inch monitors

Software
- Microsoft® .NET 4.5
- Microsoft DirectX 11

Operating System(s)
- Windows® 7 Professional x64
- Windows® 7 Enterprise x64
- Windows® 7 Ultimate x64