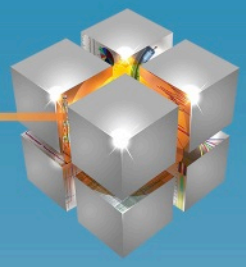
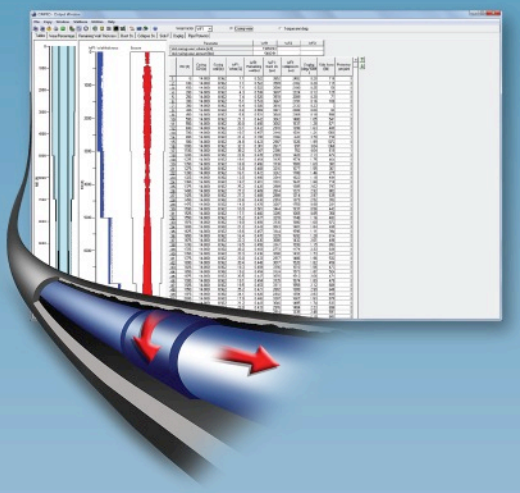
Pegasus Vertex, Inc.

Drilling Software | Sophisticated Yet Simple



CWPRO

Casing Wear Prediction



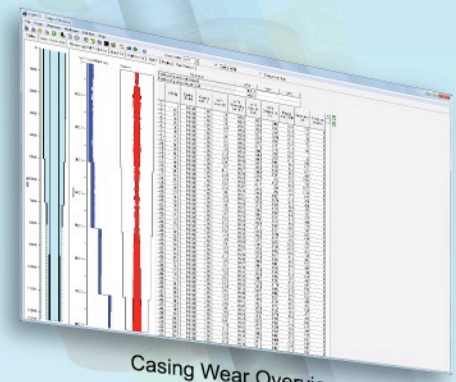
Casing wear during drilling and workover is an on-going concern. It will continue to have an impact on both well path and operation designs because it can cause catastrophic incidents such as oil spills, blowouts or even the loss of a well.

Pegasus Vertex, Inc. (PVI) has conducted studies on casing wear from both an experimental and theoretical perspective. As a result of extensive research, CWPRO has been developed to better understand the casing wear process and predict the location and magnitude of casing wear along a cased hole.

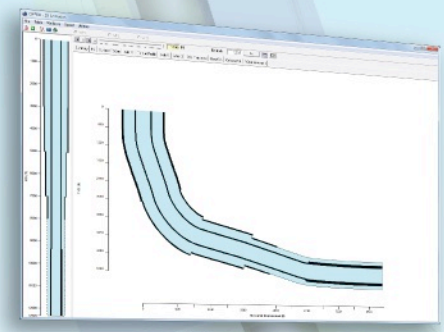
Through years of rigorous consulting and field-testing, CWPRO has become the most advanced, yet easy-to-use casing wear prediction software available in the industry. CWPRO reduces risks by identifying, controlling and preventing potential problems. The software allows necessary modifications on casing design and drilling parameters to be made before pumps are implemented.

6100 Corporate Dr., Ste 448, Houston, TX 77036, USA | Tel: (713) 981-5558 | Fax: (713) 981-5556 | www.pvisoftware.com

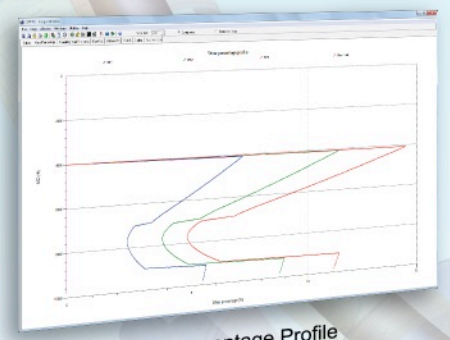
CWPRO – Casing Wear Prediction



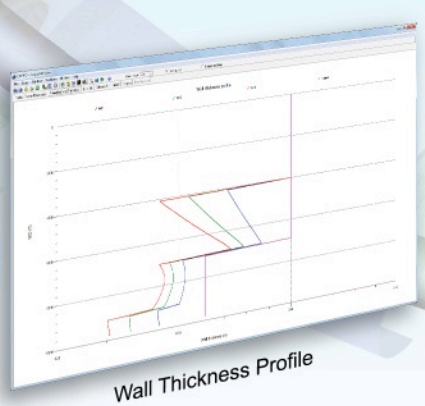
Casing Wear Overview



2D Animation



Wear Percentage Profile



Wall Thickness Profile

Features

- Land and offshore wells
- Survey tortuosity
- Drilling, back reaming and rotating operations
- Multiple wear factors
- Inclination sensitivity study for casing wear
- Non-liner correction on casing wear calculation
- Burst and collapse strengths of worn casing
- Pipe protector recommendation
- 2D/3D wear visualization
- Torque and drag
- US oil field, SI and customized units
- Multi-language: English, Spanish, Chinese, Russian and Portuguese

System Requirements

- Microsoft Windows® 10
- Microsoft Windows® 8/8.1
- Microsoft Windows® 7
- Microsoft Office® 2010 or later
- Pentium or AMD processor, 1 GHz or faster
- 2 GB RAM (4 GB recommended)
- 200 MB of free disk space for installation
- 1,280 x 768 display resolution with true color
- Install from download link or CD

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