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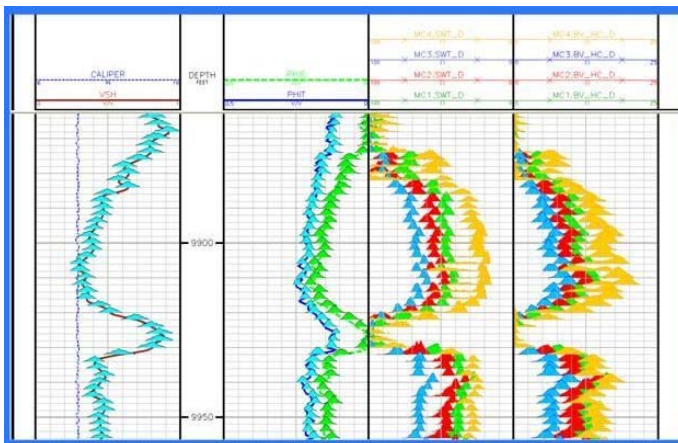
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**Paradigm to Introduce Petrophysical Uncertainty Analysis  
in the New Edition of Geolog Formation Evaluation Software**

*Paradigm presentations at the SPWLA Annual Conference to highlight uncertainty analysis module introduced in Geolog.*

(AMSTERDAM, Netherlands: June 8, 2010) Paradigm™ ([www.pdgm.com](http://www.pdgm.com)), a leading provider of enterprise [software solutions](#) to the global oil and natural gas exploration and production (E&P) industry, announced that the company will introduce the latest version of Paradigm™ Geolog® at the [2010 Society of Petrophysicists & Well Log Analysts \(SPWLA\) Annual Symposium](#) in Perth, Australia, June 19 – 23. The latest edition of Paradigm's petrophysical analysis, well data management and geological interpretation software will introduce a model-based petrophysical uncertainty process that is new to the industry. This solution is designed to have a significant impact on E&P activities in both formation evaluation and geosteering projects.



“Discussion with key clients at a series of ‘Uncertainty Workshops’ helped us identify the need and provided technical input in defining the requirements for a petrophysical uncertainty analysis module,” said Richard Pelling, product manager for Geolog. “With this added module, our customers will be able to accurately and scientifically quantify uncertainties within a hydrocarbon column.”

Well logs are used to infer almost all the parameters needed to construct

reservoir models, yet their inherent uncertainty and the impact of that uncertainty on reservoir volumes and connectivity is seldom considered. The outputs of this next generation technology are designed to feed into the [Paradigm SKUA®/GOCAD® Reservoir risk Assessment \(JACTA®\) module](#), Paradigm's existing solution for 3D uncertainty analysis. Considering multiple coherent realizations of the petrophysical data leads to more robust assessment of hydrocarbons in place.

SPWLA attendees are invited to the Paradigm booth 39 – 42 for one-on-one demonstrations featuring:

- Petrophysical uncertainty analysis in Geolog,
- Optimized well design and real-time stratigraphic positioning of the wellbore in an unconventional shale gas reservoir,
- Investigating the Barnett Shale by combining visualization and advanced analysis tools to optimize well location, and
- Latest advances in the Paradigm petrophysical solutions.

Paradigm will also be an active contributor in the SPWLA technical program, with the presentation: ***Using quantified 'model based' petrophysical uncertainty to aid in conflict resolution***, on June 22, 2010 at 8:20 AM WST.

For more information on Paradigm products and services, visit [www.pdgm.com](http://www.pdgm.com), or e-mail [info@pdgm.com](mailto:info@pdgm.com).

***Caption for the above image: Tracks 3 and 4 show pdf's for water saturation and bulk volume hydrocarbons from four different saturation models (each shown in a different color).***

#### **About Paradigm<sup>™</sup>**

Paradigm B.V. ([www.pdgm.com](http://www.pdgm.com)) and its affiliates are industry leaders in digital subsurface asset management, serving oil and gas companies worldwide. Paradigm technology solutions for seismic processing and imaging, interpretation and modeling, reservoir characterization and petrophysics, and well planning and drilling operate in an open environment to accelerate results. Paradigm has a global network of sales, consulting and support.

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