

Public.**Ikon Science Ltd. - Ikon Science in collaboration with the Mudrock Systems Research Lab (MSRL) to Present Integrative Research on Wolfcamp D from then Midland Basin at IMAGE 2024**

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Ikon Science in collaboration with the Mudrock Systems Research Lab (MSRL) to Present Integrative Research on Wolfcamp D from then Midland Basin at IMAGE 2024

Houston, TX - August 12, 2023 - The Mudrock Systems Research Laboratory (MSRL) of the **Bureau of Economic Geology** at the Jackson School of Geosciences, The University of Texas at Austin, is pleased to announce an upcoming exhibition booth technical presentation by Principal Investigator and Research Associate Professor Toti E. Larson. This presentation will take place at the Ikon Science booth #1017 on August 28th at 3:10 PM, featuring a detailed examination of the facies characterization and reservoir attributes of the Late Pennsylvanian Wolfcamp D, Midland Basin, Texas.

Presentation Overview

Titled "Facies Characterization and Reservoir Attributes of the Late Pennsylvanian Wolfcamp D, Midland Basin, Texas," this technical talk will highlight recent advancements in understanding the organic matter-rich mudrock, subdivided into the Canyon and Penn-Cisco subunits. The study integrates lithologic core descriptions, high-resolution X-ray fluorescence core scanning, and core-plug analyses within a comprehensive stratigraphic framework established through wireline log correlations. Data from eight cores are integrated, with formation tops for the Strawn, Canyon, and top of Wolfcamp D identified on over 3000 wireline logs across the Midland Basin.

Key Research Objectives

- * Stratigraphic Correlation of Wolfcamp D subunits across the Midland Basin Canyon and Cisco, encompassing three subunits each.
- * Expansion of Previous Work to enhance the foundation laid by Tucker Hentz (2017) and Brown et al. (1990) within the Midland Basin.
- * Comparison of Facies between the Eastern Shelf and basin-center.
- * Core-Based Integration of facies descriptions with high-resolution X-ray fluorescence core scanning and wireline log response curves.

The research aims to deliver a high-resolution facies model for Wolfcamp D across the Midland Basin, providing vital insights for professionals in the energy sector.

Call to Action

Professionals and enthusiasts in the energy industry are invited to join us at the Ikon Science booth #1017 on August 28th at 3:10 PM for this enlightening technical talk. Attendees will have the opportunity to engage with the

research team and discuss the findings in depth. Following the presentation, MSRL Consortium members are invited to a Happy Hour Reception, fostering networking and collaboration among industry leaders.

For more information or to obtain a guest pass, please contact:

LizaYellott, VP Marketing or visit: <https://view.ikonscience.com/image-2024-msrl-talk-and-curate-happy-hour>

About Mudrock Systems Research Laboratory (MSRL)

The Mudrock Systems Research Laboratory (MSRL) at the **Bureau of Economic Geology** is dedicated to advancing the understanding of mudrock systems and their implications in the energy sector. Through rigorous research and collaboration, MSRL seeks to provide reliable and innovative solutions for geoscientific challenges.

About Ikon Science

For over 20 years, Ikon Science has been a global provider of geoprediction and knowledge management solutions to optimize subsurface discovery. Ikon is known for providing deep scientific expertise and technological innovation to help customers extract more actionable insights from sophisticated and diverse subsurface data. By bringing digital transformation to data management, Ikon helps customers make the best moves - improving accuracy, accelerating results, and lowering costs. For more information, visit www.ikonscience.com.

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