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Technical Presentation:

**“Lessons learned from Romgaz experience during fracturing campaign
in Transylvanian Basin”**

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Abstract:

A pilot project of using fracturing technology was carried out by SNGN Romgaz SA in Transylvanian Basin on 1994-1995. This project it was included in a test program, research and comprehensive analysis of different technologies and the main objective of fracturing technology application it was to increase the well productivity and to reduce the natural decline of production.

Based on a preliminary analysis for well candidate selection, a significant number of wells were included in fracturing program, considering technical and economic aspects. Unlike other stimulation treatments, fracturing can be considered one of the most complex procedures performed on the well, many factors can significantly influence the well performance, varying from job design and operation efficiency.

This presentation intends to capture the lessons learned from this pilot project which includes the operational challenges, the expectations vs. results and highlighted aspects in evaluation phase.

Biography:

Diana Lupu graduated Faculty of Engineering- Lucian Blaga University of Sibiu major in both, Gas Engineering and Economical Engineering in Mechanical field, and also she has a Master diploma in Gas Engineering. Upon university graduation she worked as Production technologist for Schlumberger in SPM Laslau Mare Project. Recently, she started to work for SNGN Romgaz SA E&P Division within Stimulation –Rehabilitation Production Department and her main tasks are production enhancement, gas well stimulation, facilities optimization and debottlenecking, well modeling, reservoir engineering analysis, well performance analysis and compression.

Ion Foidas graduated Well Drilling and Oil&Gas Reservoir Production University and is PhD. in Technical Science, the field of Mining, Oil and Gas. Parallel to the professional activity in the field of natural gas production at SNGN Romgaz SA, Mr. Foidas cooperates with “Lucian Blaga” University of Sibiu. He published a book and more than 17 papers in journals and volumes during internal and international scientific gatherings. He is part of the SPE Romanian Section Committee as Section Director of Medias Group.