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Smart IT solutions in brown oilfield project: Field application case study

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Many international oil and gas companies despite the developing technologies have manual production data in spreadsheets, Outlook. Because of absence of appropriate system, engineers have to update well and network models by manually entering the input data and validating. So, this article presents the possible solutions of the problem by providing a new system which can automate all processes and thus

- Keep well & network model update
- Save Engineering and Management time by chasing and interpreting data
- Increase production through continuous field-wide optimization
- Improve understanding of well & reservoir behavior
- Reduce down-time and production losses
- Streamline and increase efficiency of business processes for asset production management

Biography

Leyli Hojaberdiyeva is a student of Master's program in Fachhochschule Technikum Wien majoring in Information System Management (Vienna, Austria). She is a Master's graduate majoring in Finance and Credit from Kharkiv National University of Economics.

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