

Ensuring safety – Management systems for well integrity

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Abstract

Paramount preconditions for ensuring the safety of supply for the market and the competitive capacity of companies in the oil and gas business are safety, integrity and reliability of underground storage facilities. The related strategies of the companies for predictive maintenance and modernization have to cover aspects safety, environmental protection and economy.

Avoiding risks. Managing risks.

Well-Integrity-Management-Systems (WIMS)

- are today a component of integrated management systems of companies. Quality, environment, risk management and occupational safety are just a few of the key words that have been used to describe the company's philosophy;
- are important organizational modules for company management in the operation of underground installations
- are instruments for the targeted implementation of company goals, such as
 - an intended operation,
 - economic production processes;
 - damage prophylaxis or also
 - standardized processes for clear and transparent procedures;
- offer advantages for achieving risk-oriented value protection and value creation;
- represent a foundation for the qualified conduct of employees.

Key words: well integrity management systems, environment, enterprise philosophy, management manual, well integrity, risk management, HSE