

Theory, Measurement and Interpretation of Well Logs



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An indispensable tool, this book introduces the three primary phases of well-logging technology to engineering and geosciences students. This text offers an in-depth study of the electric, radioactive, and acoustic properties of sedimentary rocks. Mathematical and empirical models relate a formation property of interest to the property measured with the logging tool. Openhole logging techniques are covered, along with concepts of traditional and modern tools.

作者介绍:

目录: Contents:

- Electrical resistivity of rocks
- Radioactive and acoustic properties of rocks
- Measurement environment

- Resistivity logs
- The spontaneous potential log
- Gamma ray, neutron, and sonic porosity logs
- Conventional interpretation techniques
- Reconnaissance and pattern-recognition interpretation techniques
- Log interpretation of shaly formations
- Evaluation of gas-bearing formations
- [\(收起\)](#)

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标签

Well

石油

教材

petroleum

logging

log

评论

Examples are utterly confusing.

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书评

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