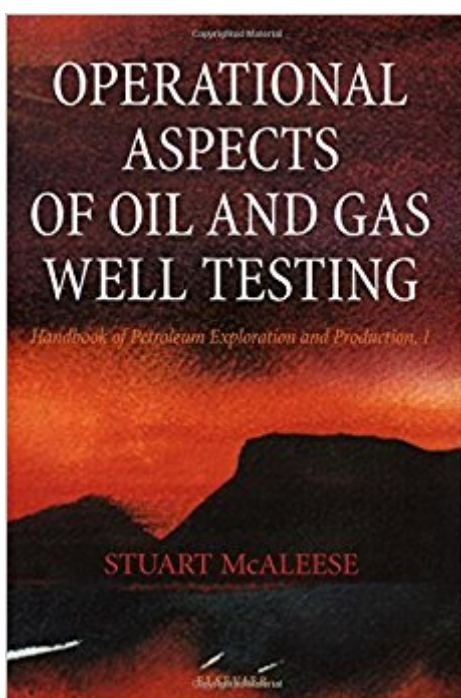


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Operational Aspects Of Oil And Gas Well Testing, Volume 1 (Handbook Of Petroleum Exploration And Production)



Synopsis

Well Testing is recognised by many operating oil and gas companies to be the most hazardous operation they routinely undertake. Therefore, it is of great importance that such operations are extremely well planned and executed. This handbook covers all the major "Operational Aspects of Oil and Gas Well Testing" and uses a structured approach to guide the reader through the steps required to safely and effectively plan a well test operation under just about any circumstances world wide. Safety procedures and well testing recommended practices are rigorously addressed in this book, as are the responsibilities of those persons involved in well testing operations.

Perforating equipment, drill stem test equipment and bottom hole pressure gauges are discussed in detail in the book. There is also a very valuable section on sub sea equipment, an area often not well understood even by experienced engineers who may have been primarily involved with land or jackup rigs. A major part of the book is the detailed coverage of the equipment and instrumentation that makes up a surface well testing package. It also covers operational and testing related problems such as, hydrates, wax and sand, and offers the reader some possible solutions. There are useful chapters on sampling, onsite chemistry, coil tubing and nitrogen operations and basic stimulation as they relate to well testing. Finally there is an extensive section of appendices covering useful engineering calculations and there is a complete example of a detailed well testing programme.

Book Information

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Customer Reviews

Piers Johnson... addresses the issue of obtaining good results in a safe and environmentally responsible way. It contains many tips and pieces of advice which are usually confined to those engineers and technicians experienced in well testing operations. ... This book is very useful for an engineer planning the operational aspects of a well test. The Appendices offer useful advice in addition to the 19 chapters ...SPE Review Magazine, Issue 131This book covers all the major operational aspects of oil and gas well testing. It uses a structured approach to guide the reader through the various steps that are required to effectively plan and implement a well test operation under just about any circumstances worldwide onshore or offshore.Journal of Canadian Petroleum Technology

McAleese.jpgStuart McAleese has over 15 years of professional experience of oil and gas industry operations gained worldwide. He gained his initial oil industry experience while employed with major oil industry service companies. He also worked as a staff Petroleum and Reservoir Engineer with operating oil companies and has extensive experience in the planning and supervision of wellsite operations including testing, well services and completions; he held the post of Senior and Chief Petroleum Engineer for various oil companies in the UK and overseas. In addition to his engineering skills, Stuart McAleese has significant management experience in operations and in the board room. His commercial skills have been brought to bear in licence negotiations with Oil and Gas Ministers and he has undertaken due diligence work for the stock market. He is a member of the Society of Petroleum Engineers and previously served on the Board of Directors of the SPE, London Section. He graduated in 1984 with an honours degree in Applied Physics from the University of Strathclyde, Scotland. Currently he is an independent consultant for Esprit Petroleum Technology Ltd.

Excellent book

great product, and very happy with purchase. Item is perfect and as expected. thank you

I believe this book fills a need that engineers always had. It explains in a very clear way how to do procedures in field operations and how to resolve different situations that can appear in oil and gas well testing... I really recommend it to the oil industry.

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