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Processes and Documents; Rig Visit; Logistics Plan; Test the Well on Paper; Safety Planning; Chapter 5: Engineered Controls; Pipework Sizing; Rig Interface Engineering; Design Review; Chapter 6: Planning for Safety; Safety and Company Policy; A Safety Case Approach; The Well Test Safety Case Revision
Safety Management SystemsFormal Safety Assessment; Risk Assessment; Hazard and Operability HAZOP; Quantitative Risk Analysis; Conclusion; Well-Site Planning Tools; Crew Integration; Pressure Testing; Demobilization; Chapter 8: Continuous Improvement; Recurrent Themes; Design Process; Planning Processes; Continuous Improvement Meeting Checklist; The Well Test Engineer Role; Appendix 1: Well Test Basis For Design; Overview; Design Features; Test Outline and Time Estimate; Appendix 3: Well Test Logistics Plan; Appendix 4: Well Test Equipment Inspection Guideline; Appendix 5: Well Test Program
OverviewPreparations; Critical Path Procedures; Test outline and Time Estimate; Appendix A Contingency Procedures; Appendix B Casing and Tubing Data; Appendix C Layout Drawing; Appendix D P & ID; Appendix 6: Roles and Responsibilities during a Well Test; Purpose; Roles and Responsibilities; Appendix 7: Wellsite Well Test Equipment Preparation Checklist; Overview; Glossary; References; Index

Sommario/riassunto

Well test planning is one of the most important phrases in the life cycle of a well, if done improperly it could cost millions. Now there is a reference to ensure you get it right the first time. Written by a Consultant Completions & Well Test Engineer with decades of experience, Well Test Planning and Operations provides a road map to guide the reader through the maze of governmental regulations, industry codes, local standards and practices. This book describes how to plan a fit-for-purpose and fault free well test, and to produce the documents required for regulatory compliance. Given the l