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	Shakers; Chapter 8. Settling Pits; 8.1 Settling Rates; 8.2 Comparison of Settling Rates of Barite and Low-Gravity Drilled Solids; 8.3 Comments; 8.4 Bypassing the Shale Shaker; Chapter 9. Gas Busters, Separators, and Degassers; 9.1 Introduction: General Comments on Gas Cutting; 9.2 Shale Shakers and Gas Cutting 9.3 Desanders, Desilters, and Gas Cutting9.4 Centrifuges and Gas Cutting; 9.5 Basic Equipment for Handling Gas-Cut Mud; 9.6 Gas Busters; 9.7 Separators; 9.8 Pressurized Separators; 9.9 Degassers; 9.10 Points About Separators and Separation; References; Chapter 10. Suspension, Agitation, and Mixing of Drilling Fluids; 10.1 Basic Principles of Agitation Equipment; 10.2 Mechanical Agitators; 10.3 Equipment Sizing and Installation; 10.4 Mud Guns; 10.5 Pros And Cons of Agitation Equipment; 10.6 Bernoulli's Principle; 10.7 Mud Hoppers; 10.8 Bulk Addition Systems; 10.9 Tank/Pit Use; References Chapter 11. Hydrocyclones11.1 Discharge; 11.2 Hydrocyclone Capacity; 11.3 Hydrocyclone Tanks and Arrangements; 11.4 Median (D50) Cut Points; 11.5 Hydrocyclone Operating Tips; 11.6 Installation; 11.7 Conclusions; Chapter 12. Mud Cleaners; 12.1 History; 12.2 Uses of Mud Cleaners; 12.3 Non-Oilfield Use of Mud Cleaners; 12.4 Location of Mud Cleaners in a Drilling-Fluid System; 12.5 Operating Mud Cleaners; 12.6 Estimating The Ratio of Low-Gravity Solids Volume and Barite Volume in Mud Cleaner Screen Discard; 12.7 Performance; 12.8 Mud Cleaner Economics 12.9 Accuracy Required for Specific Gravity of Solids
Sommario/riassunto	Written by the Shale Shaker Committee of the American Society of Mechanical Engineers, originally of the American Association of Drilling Engineers, the authors of this book are some of the most well- respected names in the world for drilling. The first edition, Shale Shakers and Drilling Fluid Systems, was only on shale shakers, a very important piece of machinery on a drilling rig that removes drill cuttings. The original book has been much expanded to include many other aspects of drilling solids control, including chapters on drilling fluids, cut-point curves, mud cleaners, and many other