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6.1 Drilling6.2 Completion; 7 Well Operations; 7.1 Well Plug and Abandonment "P&A"; 7.2 Considerations; 8 Failure and Contamination Reduction; 8.1 Conduct Environmental Sampling Before and During Operations; 8.2 Disclose the Chemicals Being Used in Fracking Operations; 8.3 Ensure that Wellbore Casings are Properly Designed and Constructed; 8.4 Eliminate Venting and Work Toward Green Completions; 8.5 Prevent Flowback Spillage/Leaks; 8.6 Dispose/Recycle Flowback Properly; 8.7 Minimize Noise and Dust; 8.8 Protect Workers and Drivers; 8.9 Communicate and Engage; 8.10 Record and Document
9 Frack Fluids and Composition9.1 Uses and Needs for Frack Fluids; 9.2 Common Fracturing Additives; 9.3 Typical Percentages of Commonly Used Additives; 9.4 Proppants; 9.5 Silica Sand; 9.6 Resin Coated

Sommario/riassunto	This book presents both sides of a very controversial subject in today's media: induced hydraulic fracturing, or "fracking." It covers the technology and methods used in hydraulic fracturing in easy-to-understand language, for the engineer and layperson alike, presenting the environmental effects of hydraulic fracturing.