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Flow Through a Perforation""; ""4.6 Temperature Effect""; ""4.7 Basic Perforating Designa€?What Is Necessary for the Optimum Flow Path""; ""4.8 Improving Flow Capacity""; ""4.9 Cement and Casing Damage""; ""4.10 Perforating Multiple Strings and Thick Cement""; ""4.11 Perforating for Different Stimulations""; ""4.12 Perforating in Highly Deviated Wells""; ""4.13 Perforating Equipment""; ""4.14 Limited Penetration Charges""; ""4.15 Pipe Cutoff Methods""
""SI Metric Conversion Factors""""""5 - Sand Control""; ""5.1 Causes of Sand Production""; ""5.2 Consequences of Sand Production""; ""5.3 Predicting Sand Production""; ""5.4 Sand-Control Techniques""; ""5.5 Gravel-Pack Design""; ""5.6 Slotted Liners and Wire-Wrapped Screens""; ""5.7 Gravel-Pack Completion Equipment and Service Tools""; ""5.8 Well Preparation for Gravel Packing""; ""5.9 Gravel Placement Techniques""; ""5.10 Prepacking the Perforations""; ""5.11 Openhole Gravel Packing""; ""5.12 Sand Control in Horizontal and Long-Throw Highly-Deviated Wells""; ""Nomenclature""
""SI Metric Conversion Factors""""""6 - Formation Damage""; ""6.1 Introduction""; ""6.2 Quantifying Formation Damage""; ""6.3 Determination of Flow Efficiency and Skin""; ""6.4 Formation Damage vs. Pseudodamage""; ""6.5 Drilling-Induced Formation Damage""; ""6.6 Formation Damage Caused by Completion and Workover Fluids""; ""6.7 Damage During Perforating and Cementing""; ""6.8 Formation Damage Caused by Fines Migration""; ""6.9 Formation Damage Caused by Swelling Clays""; ""6.10 Formation Damage in Injection Wells""; ""6.11 Formation Damage Resulting From Paraffins and Asphaltenes""
""6.12 Formation Damage Resulting From Emulsion and Sludge Formation""