1. Record Nr. UNINA9910463085503321 Autore Willhite G. Paul **Titolo** Polymer flooding [[electronic resource] /] / G. Paul Willhite, Randall S. Seright Pubbl/distr/stampa Richardson, TX,: Society of Petroleum Engineers, c2011 **ISBN** 1-61399-067-7 Descrizione fisica 1 online resource (379 p.) Collana Getting up to speed Altri autori (Persone) SerightRandall S Soggetti Water-soluble polymers **Polymers** Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references. ""Foreword""; ""Contents""; ""Overview""; ""Mobility-Control Processes""; Nota di contenuto ""Pioneering Field Applications""; ""Improved Secondary Recovery by Control of Water Mobility""; ""Waterflood Mobility Control: A Case History""; ""Polymer Solution Rheology in Porous Media""; ""Quantification of Viscoelastic Effects of Polyacrylamide Solutions"": ""New Insights Into Polymer Rheology in Porous Media""; ""Injectivity Issues""; ""The Nature of Polymer Plugging and a Wellbore Treatment To Minimize It"": ""Injectivity Characteristics of EOR Polymers"": ""Dos Cuadras Offshore Polymer Flood"" ""Injecting Polyacrylamide Into Gulf Coast Sands: The White Castle Q Sand Polymer-Injectivity Test"""Polymer Retention and Inaccessible Pore Volume""; ""Inaccessible Pore Volume in Polymer Flooding""; ""Retention and Flow Characteristics of Polymer Solutions in Porous Media""; ""Comparison of Polyacrylamide Retention in Field Application and Laboratory Testing""; ""Polymer Solution Stability""; ""Chemical Stability of Polyacrylamide Polymers""; ""Hydrolysis and Precipitation of Polyacrylamides in Hard Brines at Elevated Temperatures""; ""Field Polymer Stability Studies"" ""Biocide Evaluation Against Sessile Xanthan Polymer-Degrading Bacteria"""Laboratory Tests in Preparation for a Field Application"";

""Method for Laboratory and Field Evaluation of a Proposed Polymer Flood""; ""Predicting Oil Recovery""; ""Prediction of Polymer Flood

Performance""; ""Evaluation of Polymer Flooding in a Layered Reservoir With Crossflow, Retention, and Degradation"": ""Polymer Flood Application to Improve Heavy Oil Recovery at East Bodo""; ""Polymer-Flood Modeling Using Streamlines""; ""Risk Assessment"" ""Preliminary Assessment of Tambaredjo Heavy Oilfield Polymer Flooding Pilot Test"""Field Response to Polymer Injection""; ""Performance and Operation of a Successful Polymer Flood in the Sleepy Hollow Reagan Unit""; ""Performance Analysis of Several Polyacrylamide Floods in North German Oil Fields""; ""Commercial Polymer Injection in the Courtenay Field, 1994 Update""; ""Review of Practical Experience of Polymer Flooding at Daging""; ""Facility/Production Aspects""; ""Viscous-Elastic Polymer Fluids Rheology and Its Effect Upon Production Equipment"" ""First Polymer Injection in Deep Offshore Field Angola: Recent Advances on Dalia/Camelia Field Case""""Additional Reading a€? Polymer Field Tests""; ""Additional Reading a€? Polymer Flood Simulation Models""; ""Additional Reading a€? Polymer Flow in Porous Media""; ""Additional Reading a€? Polymer Stability""