

1. Record Nr.	UNINA9910462004203321
Autore	Lake Larry W
Titolo	Petroleum engineering handbook [[electronic resource]]. Volume VI Emerging and peripheral technologies / / Larry W. Lake, editor-in-chief ; H.R. Warner Jr., editor
Pubbl/distr/stampa	Richardson, TX, : Society Of Petroleum Engineers, 2007
ISBN	1-55563-336-6
Descrizione fisica	1 online resource (629 p.)
Altri autori (Persone)	LakeLarry W WarnerH. R (Hal R.)
Soggetti	Petroleum engineering Petroleum industry and trade 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 and indexes.
Nota di contenuto	""Foreword""; ""Preface""; ""Contents""; ""1 - Reservoir Geophysics""; ""1.1 Introduction""; ""1.2 Attributes""; ""1.3 Imaging and Inversion""; ""1.4 Borehole Seismic and Sonic Methods""; ""1.5 Seismic Time-Lapse Reservoir Monitoring""; ""1.6 Passive Seismic Monitoring""; ""1.7 Hydraulic Fracture Monitoring""; ""1.8 Pore Pressure Prediction""; ""1.9 Mechanical Properties and Seismic Properties""; ""1.10 Nonseismic Techniques""; ""1.11 Summary""; ""Nomenclature""; ""Acknowledgments""; ""SI Metric Conversion Factors""; ""2 - Geologically Based, Geostatistical Reservoir Modeling"" ""2.1 Introduction""""2.2 Back to Basics: Classical Statistics and Its Role in Geostatistical Modeling""; ""2.3 A Geostatistical Reservoir-Modeling Workflow""; ""2.4 Practical Considerations and Rules of Thumb""; ""2.5 Geologic and Reservoir-Engineering Issues""; ""2.6 Geostatistical Technology Into the Next Decade""; ""2.7 Summary""; ""Nomenclature""; ""Acknowledgments""; ""Glossary""; ""SI Metric Conversion Factors""; ""3 - Intelligent-Well Completions""; ""3.1 Introduction""; ""3.2 Historical Perspective""; ""3.3 Fundamentals of Technology""; ""3.4 Operational Considerations"" ""3.5 Field Applications (Case Study Examples)""""3.6 Sand Control""; ""3.7 Summary""; ""Acknowledgments""; ""SI Metric Conversion

Factors"'; "'4 - Subsea and Downhole Processing"'; "'4.1 Introduction"'; "'4.2 Subsea Processing"'; "'4.3 Downhole Processing"'; "'Acknowledgments"'; "'SI Metric Conversion Factors"'; "'5 - Cold Heavy-Oil Production With Sand"'; "'5.1 Introduction"'; "'5.2 CHOPS Reservoirs in Canada"'; "'5.3 Production Rate Increase Mechanisms"'; "'5.4 Uniform or Channel Growth in the Affected Region"'; "'5.5 Reservoir Assessment and Candidate Screening for CHOPS"'; "'5.6 CHOPS Simulation"'; "'5.7 Operational Issues in CHOPS"'; "'5.8 Sand Management in CHOPS"'; "'5.9 Case Histories"'; "'5.10 Monitoring CHOPS"'; "'5.11 CHOPS and Other Production Technologies"'; "'5.12 Summary of CHOPS"'; "'Nomenclature"'; "'SI Metric Conversion Factors"'; "'6 - Coalbed Methane"'; "'6.1 Introduction"'; "'6.2 CBM Reservoir Fundamentals"'; "'6.3 Basin Assessment"'; "'6.4 Reservoir Evaluation"'; "'6.5 Drilling, Coring, and Completions"'; "'6.6 Production Operations and Facilities"'; "'6.7 Economic and Commercial Considerations"'; "'6.8 Case Studies"'; "'6.9 Future Trends in CBM Development"'; "'Nomenclature"'; "'SI Metric Conversion Factors"'; "'7 - Tight Gas Reservoirs"'; "'7.1 Introduction"'; "'7.2 Definition of Tight Gas"'; "'7.3 The Resource Triangle"'; "'7.4 Tight Gas in the United States"'; "'7.5 Tight Gas Outside the United States"'; "'7.6 Geologic Considerations"'; "'7.7 Diagenesis"'; "'7.8 Reservoir Continuity"'; "'7.9 Regional Tectonics"'; "'7.10 Reservoir Considerations"'; "'7.11 Drilling and Completion Considerations"'; "'7.12 Formation Evaluation"'; "'7.13 Log Analyses"'; "'7.14 Core Analyses"'; "'7.15 Mud Filtrate Invasion"'; "'7.16 Formation Mechanical Properties'"
