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Autore	Berry Torriano
Titolo	Historical dictionary of African American cinema / / S. Torriano Berry and Venise T. Berry
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Edizione	[Second edition.]
Descrizione fisica	1 online resource (568 pages)
Collana	Historical Dictionaries of Literature and the Arts
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Soggetti	African Americans in motion pictures African Americans in the motion picture industry - Biography Electronic books.
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Autore	Guo Boyun
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Altri autori (Persone)	LyonsWilliam C GhalamborAli
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Nota di contenuto	Cover; Petroleum Production Engineering; Copyright Page; Dedication Page; Contents; Preface; List of Symbols; List of Tables; List of Figures; Part I: Petroleum Production Engineering Fundamentals; Chapter 1: Petroleum Production System; 1.1 Introduction; 1.2 Reservoir; 1.3 Well; 1.4 Separator; 1.5 Pump; 1.6 Gas Compressor; 1.7 Pipelines; 1.8 Safety Control System; 1.9 Unit Systems; Summary; References; Problems; Chapter 2: Properties of Oil and Natural Gas; 2.1 Introduction; 2.2 Properties of Oil; 2.3 Properties of Natural Gas; Summary; References; Problems Chapter 3: Reservoir Deliverability3.1 Introduction; 3.2 Flow Regimes; 3.3 Inflow Performance Relationship; 3.4 Construction of IPR Curves Using Test Points; 3.5 Composite IPR of Stratified Reservoirs; 3.6 Future IPR; Summary; References; Problems; Chapter 4: Wellbore Performance; 4.1 Introduction; 4.2 Single-Phase Liquid Flow; 4.3 Multiphase Flow in Oil Wells; 4.4 Single-Phase Gas Flow; 4.5 Mist Flow in Gas Wells; Summary; References; Problems; Chapter 5: Choke Performance; 5.1 Introduction; 5.2 Sonic and Subsonic Flow; 5.3 Single-Phase Liquid Flow; 5.4 Single-Phase Gas Flow 5.5 Multiphase FlowSummary; References; Problems; Chapter 6: Well Deliverability; 6.1 Introduction; 6.2 Nodal Analysis; 6.3 Deliverability of Multilateral Well; Summary; References; Problems; Chapter 7: Forecast

of Well Production; 7.1 Introduction; 7.2 Oil Production during Transient Flow Period; 7.3 Oil Production during Pseudo-Steady Flow Period; 7.4 Gas Production during Transient Flow Period; 7.5 Gas Production during Pseudo-Steady-State Flow Period; Summary; References; Problems; Chapter 8: Production Decline Analysis; 8.1 Introduction; 8.2 Exponential Decline; 8.3 Harmonic Decline 8.4 Hyperbolic Decline8.5 Model Identification; 8.6 Determination of Model Parameters; 8.7 Illustrative Examples; Summary; References; Problems; Part II: Equipment Design and Selection; Chapter 9: Well Tubing; 9.1 Introduction; 9.2 Strength of Tubing; 9.3 Tubing Design; Summary; References; Problems; Chapter 10: Separation Systems; 10.1 Introduction; 10.2 Separation System; 10.3 Dehydration System; Summary; References; Problems; Chapter 11: Transportation Systems; 11.1 Introduction; 11.2 Pumps; 11.3 Compressors; 11.4 Pipelines; Summary; References; Problems; Part III: Artificial Lift Methods Chapter 12: Sucker Rod Pumping12.1 Introduction; 12.2 Pumping System; 12.3 Polished Rod Motion; 12.4 Load to the Pumping Unit; 12.5 Pump Deliverability and Power Requirements; 12.6 Procedure for Pumping Unit Selection; 12.7 Principles of Pump Performance Analysis; Summary; References; Problems; Chapter 13: Gas Lift; 13.1 Introduction; 13.2 Gas Lift System; 13.3 Evaluation of Gas Lift Potential; 13.4 Gas Lift Gas Compression Requirements; 13.5 Selection of Gas Lift Valves; 13.6 Special Issues in Intermittent-Flow Gas Lift; 13.7 Design of Gas Lift Installations; Summary; References; Problems Chapter 14: Other Artificial Lift Methods

Sommario/riassunto

Petroleum Production Engineering, A Computer-Assisted Approach provides handy guidelines to designing, analyzing and optimizing petroleum production systems. Broken into four parts, this book covers the full scope of petroleum production engineering, featuring stepwise calculations and computer-based spreadsheet programs. Part one contains discussions of petroleum production engineering fundamentals, empirical models for production decline analysis, and the performance of oil and natural gas wells. Part two presents principles of designing and selecting the main components of petroleum product
