1. Record Nr. UNISA990002864020203316

Autore	MILLIET, Paul <1848-1924>
Titolo	Une famille de republicains fourieristes : les Milliet / [par Paul Milliet]
Pubbl/distr/stampa	Paris, : chez l'Auteur, [1911]
Descrizione fisica	v. ; 17 cm
Collana	Cahiers de la quinzaine . Ser. 13
Disciplina	944.0812
Soggetti	Millet <famiglia>
Collocazione	XV.5. 159
Lingua di pubblicazione	Francese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	<vol. 9.> : La guerre de France et le premier siège de Paris : 1870-1871, 175 p.

2. Record Nr. UNINA9910679697803321

Autore	Ahmed Tarek H. <1946->
Titolo	Equations of state and PVT analysis : applications for improved reservoir modeling / / Tarek Ahmed
Pubbl/distr/stampa	Houston, Tex., : Gulf Pub., 2007
ISBN	0-12-799978-7 1-60119-591-5
Edizione	[1st ed.]
Descrizione fisica	1 online resource (566 p.)
Disciplina	622/.3382
Soggetti	Reservoir oil pressure - Mathematical models Phase rule and equilibrium - Mathematical models Petroleum - Underground storage
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front Cover; Equations of State and PVT Analysis: Applications for Improved Reservoir Modeling; Copyright Page; Dedication; Table of Contents; Preface; About the Author; Acknowledgments; Chapter 1. Fundamentals of Hydrocarbon Phase Behavior; Single-Component Systems; Two-Component Systems; Three-Component Systems; Multicomponent Systems; Classification of Reservoirs and Reservoir Fluids; Phase Rule; Problems; References; Chapter 2. Characterizing Hydrocarbon-Plus Fractions; Generalized Correlations; PNA Determination; Graphical Correlations; Splitting and Lumping Schemes; Problems; References Chapter 3. Natural Gas PropertiesBehavior of Ideal Gases; Behavior of Real Gases; Problems; References; Chapter 4. PVT Properties of Crude Oils; Crude Oil Gravity; Specific Gravity of the Solution Gas; Crude Oil Density; Gas Solubility; Bubble-Point Pressure; Oil Formation Volume Factor; Isothermal Compressibility Coefficient of Crude Oil; Undersaturated Oil Properties; Total-Formation Volume Factor; Crude Oil Viscosity; Surface/Interfacial Tension; PVT Correlations for Gulf of Mexico Oil; Properties of Reservoir Water; Laboratory Analysis of Reservoir Fluids; Problems; References Chapter 5. Equations of State and Phase EquilibriaEquilibrium Ratios; Flash Calculations; Equilibrium Ratios for Real Solutions; Equilibrium

Ratios for the Plus Fractions; Vapor-Liquid Equilibrium Calculations; Equations of State; Equation-of-State Applications; Simulation of Laboratory PVT Data by Equations of State; Tuning EOS Parameters; Original Fluid Composition from a Sample Contaminated with Oil-Based Mud; Problems; References; Chapter 6. Flow Assurance; Hydrocarbon Solids: Assessment of Risk; Phase Behavior of Asphaltenes; Asphaltene Deposit Envelope; Modeling the Asphaltene Deposit
Phase Behavior of WaxesModeling Wax Deposit; Prediction of Wax Appearance Temperature; Gas Hydrates; Problems; References; Appendix; Index

Sommario/riassunto

This title covers a wide range of topics related to the Pressure Volume Temperature (PVT) behavior of complexhydrocarbon systems and documents the ability of Equations of State (EOS) in modeling their behavior. Themain objective of this book is to provide the practicing engineer and engineering student with tools neededto solve problems that require a description of the PVT of hydrocarbon systems from their compositions.Because of the dramatic evolution in computational capabilities, petroleum engineers can now study suchphenomena as the development of miscibility during ga