



Viscosity of Natural Gas at High-Pressure and High-Temperature

By Ehsan Davani

SPS Feb 2014, 2014. Taschenbuch. Book Condition: Neu. 220x150x9 mm. This item is printed on demand - Print on Demand Neuware - High-pressure and high-temperature (HPHT) gas reservoirs are defined as reservoir having pressures greater than 10,000 psia and temperatures over 300°F. Modeling the performance of these unconventional reservoirs requires understanding of gas behavior at elevated pressure and temperature. An important fluid property is gas viscosity which is a key factor in modeling of gas mobility in the reservoir that can have a significant impact on reserves estimation during field development planning. Accurate measurements of gas viscosity at HPHT conditions are both extremely difficult and expensive. Thus, this fluid property is typically estimated from published correlations that are based on laboratory data. This book reviews the databases of hydrocarbon gas viscosity that are available in the public domain, and discusses the validity of published gas viscosity correlations based on their applicability range. Then the full process of measuring the gas viscosity at HPHT is well explained. Step by step developing an HPHT gas viscosity correlation and running a sensitivity analysis on the accuracy of the most well-known gas viscosity models at HPHT is discussed as well. 148 pp. Englisch.



Reviews

A top quality publication and also the font employed was interesting to learn. It is really simplistic but excitement within the fifty percent from the book. Its been designed in an remarkably basic way in fact it is only following i finished reading this pdf where in fact changed me, modify the way i believe.

-- Rachel Stiedemann

This ebook could be worthy of a go through, and a lot better than other. I have study and that i am sure that i will likely to read through yet again once more in the future. I found out this pdf from my i and dad suggested this pdf to discover.

-- Lorine Rohan

Other PDFs



Programming in D

Ali Cehreli Dez 2015, 2015. Buch. Book Condition: Neu. 264x182x53 mm. This item is printed on demand - Print on Demand Neuware - The main aim of this book is to teach D to readers who are new to computer programming. Although...



Psychologisches Testverfahren

Reference Series Books LLC Nov 2011, 2011. Taschenbuch. Book Condition: Neu. 249x191x7 mm. This item is printed on demand - Print on Demand Neuware - Quelle: Wikipedia. Seiten: 100. Kapitel: Myers-Briggs-Typindikator, Keirsey Temperament Sorter, DISG, Eignungstest für das Medizinstudium, Adult Attachment Interview,...



The Savvy Cyber Kids at Home: The Defeat of the Cyber Bully (Paperback)

Createspace, United States, 2014. Paperback. Book Condition: New. Taylor Southerland (illustrator). 254 x 203 mm. Language: English . Brand New Book ***** Print on Demand *****.The adventures of CyberThunder (Tony) and CyberPrincess (Emma) continue in The Savvy Cyber Kids at Home: The...



Aeschylus

BiblioLife. Paperback. Book Condition: New. This item is printed on demand. Paperback. 260 pages. Dimensions: 8.0in. x 5.0in. x 0.6in. This Translation of A eschylus, an entirely new one, is designed as an Appendix to my edition of that Poet in the Bibliotheca...



The Mystery at Big Ben (Paperback)

Gallopade International, United States, 2005. Paperback. Book Condition: New. 188 x 132 mm. Language: English . Brand New Book. Mimi and Papa speed away to London, England in their little red and white airplane, The Mystery Girl. Tagging along are grandchildren Christina,...



The Pickthorn Chronicles

CreateSpace Independent Publishing Platform. Paperback. Book Condition: New. This item is printed on demand. Paperback. 112 pages. Dimensions: 9.0in. x 6.0in. x 0.3in.Pickthorn has selected some great stories as a sequel to his first book, Short Stories By Pickthorn. The Pickthorn Chronicles...