Record Nr. UNINA9910817023503321 Autore Carroll John J. <1958-> Titolo Acid gas injection and carbon dioxide sequestration [[electronic resource] /] / John J. Carroll Salem, Mass.;; Hoboken, N.J.,: Scrivener,: Wiley, 2010 Pubbl/distr/stampa **ISBN** 1-282-65414-4 9786612654145 1-118-02929-1 1-61344-175-4 0-470-89321-4 0-470-89320-6 Descrizione fisica 1 online resource (300 p.) Collana Wiley-Scrivener; v.18 Disciplina 622/.3382 665.7 Oil wells - Gas lift Soggetti Carbon sequestration Inglese Lingua di pubblicazione **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Acid Gas Injection and Carbon Dioxide Sequestration; Contents; Preface; Acknowledgement; Chapter 1 Introduction; Chapter 2 Hydrogen Sulfide and Carbon Dioxide; Chapter 3 Non-Aqueous Phase Equilibrium; Chapter 4 Fluid Phase Equilibria Involving Water; Chapter 5 Hydrates; Chapter 6 Compression; Chapter 7 Dehydration of Acid Gas; Chapter 8 Pipeline; Chapter 9 Injection Profiles; Chapter 10 Selection of Disposal Zone; Chapter 11 Health, Safety and The Environment; Chapter 12 Capital Costs; Chapter 13 Additional Topics; Index Sommario/riassunto Provides a complete treatment on two of the hottest topics in the energy sector - acid gas injection and carbon dioxide sequestration This book provides the most comprehensive and up-to-date coverage of two techniques that are rapidly increasing in importance and usage in the natural gas and petroleum industry - acid gas injection and carbon dioxide sequestration. The author, a well-known and respected authority on both processes, presents the theory of the technology,

then discusses practical applications the engineer working in the field

can implement. Both hot-button issues in th