1. Record Nr. UNINA9910823094503321 Autore Bagrintseva K. I (Kseniia Ivanovna) Titolo Carbonate reservoir rocks / / Ksenia I. Bagrintseva Pubbl/distr/stampa Beverly, Massachusetts;; Hoboken, New Jersey:,: Scrivener Publishing :,: Wiley,, 2015 ©2015 **ISBN** 1-119-08400-8 1-119-08398-2 1-119-08399-0 Descrizione fisica 1 online resource (355 p.) Disciplina 553.2/8 Soggetti Carbonate reservoirs Petroleum - Geology Carbonate rocks Lingua di pubblicazione Inglese **Formato** Materiale a stampa Monografia Livello bibliografico Note generali Includes index. Includes bibliographical references and index. Nota di bibliografia Nota di contenuto Carbonate reservoir rock properties and previous studies -- Major sedimentational environments of carbonate rocks in sedimentary basins -- Conditions of void space formation in carbonate rocks of various compositions and genesis -- Reservoir rock study techniques -- Natural oil and gas reservoirs in carbonate formations of the Pre-Caspian province -- Natural oil and gas reservoirs in the Timan-Pechora province -- Types and properties of the Riphaean carbonate reservoir rocks -- Theoretical fundamentals of the reservoir rock evaluation and forecast -- Major factors determining the formation and preservation of high-capacity carbonate reservoir rocks. Sommario/riassunto Most of the world's energy still comes from fossil fuels, and there are still many strides being made in the efficiency and cost effectiveness of extracting these important and increasingly more elusive natural resources. This is only possible if the nature of the emergence, evolution, and parameter estimation of high grade reservoir rocks at great depths is known and a theory of their forecast is developed. Over

60 percent of world oil production is currently associated with

carbonate reservoir rocks. The exploration, appraisal and development