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	GAS RESERVOIR; ATTRIBUTES OF PEAT BOG RELEVANT TO COAL; RATES OF VERTICAL PEAT (COAL) ACCUMULATION; TRANSFORMATION OF PEAT BOGS TO COALBED GAS RESERVOIRS; SCALING PEAT FACIES TO RESERVOIR LEVEL; SUMMARY; Chapter 4 - Coalification, Gasification, and Gas Storage; TRANSFORMATION OF PEAT TO COAL; BITUMINIZATION, DEBITUMINIZATION, AND GRAPHITIZATION OF ORGANIC MATTER (METAMORPHISM) INFLUENCE OF COALIFICATION ON GAS RESERVOIR PROPERTIESCOAL RANK CLASSIFICATION SYSTEM; EFFECTS OF MATURATION ON COAL PROPERTIES; ROLE OF VITRINITE REFLECTANCE; TYPES OF GAS GENERATION DURING AND POST COALIFICATION (MATURATION); GAS SORPTION, STORAGE, AND DIFFUSION; ROLE OF HYDROSTATIC PRESSURE IN GAS DESORPTION; SUMMARY; Chapter 5 - Coal Composition and Reservoir Characterization; INTRODUCTION; COAL COMPOSITION; VARIATIONS AND VALUES OF MICROLITHOTYPES IN COALBED GAS RESERVOIRS; RELATIONSHIP OF PERMEABILITY AND POROSITY IN COAL; RESERVOIR CHARACTERIZATION INSIGHTS OF RESERVOIR CHARACTERIZATION INSIGHTS OF RESERVOR CHARACTERIZATION Methodologies; THE METHODOLOGY CONUNDRUM; COAL RESOURCES VS GAS RESOURCES; UNIVERSAL GUIDELINES TO COAL RESOURCES VS GAS RESOURCES; UNIVERSAL GUIDELINES TO COAL RESOURCES ASSESSMENT; COAL RESOURCE AND RESERVE ASSESSMENTS; ASSESSMENT OF COALBED GAS AS A PETROLEUM SYSTEM; METHODOLOGIES: ROOM FOR IMPROVEMENT; SUMMARY; Chapter 7 - Coalbed Gas Production; INTRODUCTION; DRILLING TECHNOLOGY; WELL COMPLETION; ROLE OF COAL GEOLOGY IN COMPLETION STRATEGY; RESERVOIR CHARACTERIZATION VS WELL COMPLETION STRATEGY; RESERVOIR CHARACTERIZATION VS WELL COMPLETION STRATEGY; RESERVOIR CHARACTERIZATION VS WELL COMPLETION AND STIMULATION
Sommario/riassunto	Bridging the gap in expertise between coal and coalbed gas, subfields in which opportunities for cross training have been nonexistent, Coal and Coalbed Gas sets the standard for publishing in these areas. This book treats coal and coalbed gas as mutually inclusive commodities in terms of their interrelated origin, accumulation, composition, distribution, generation, and development, providing a balanced understanding of this energy mix. Currently considered a non- renewable energy resource, coalbed gas, or coalbed methane, is a form of natural gas extracted from coal beds. In r