1. Record Nr. UNINA9910790065203321 **Titolo** Coalbed natural gas [[electronic resource]]: energy and environment / / K.J. Reddy, editor Pubbl/distr/stampa New York, : Nova Science Publishers, c2010 **ISBN** 1-61324-189-5 Descrizione fisica 1 online resource (535 p.) Collana Energy science, engineering and technology series Altri autori (Persone) ReddyK. J (Katta Jayaram) Disciplina 333.8/233 Soggetti Coalbed methane - Wyoming Natural gas - Wyoming Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references and index. ""COALBED NATURAL GAS"": ""COALBED NATURAL GAS "": Nota di contenuto ""CONTENTS""; ""PREFACE""; ""DEDICATION""; ""ABSTRACT""; ""COALBED NATURAL GAS (CBNG): INTRODUCTION""; ""REFERENCES""; ""COALBED NATURAL GAS ENERGY IN A CHANGINGENVIRONMENT""; ""ABSTRACT""; ""INTRODUCTION""; ""THE ORIGIN OF COAL BED NATURAL GAS""; ""CBNG RECOVERY PROCESS""; ""CBNG ENVIRONMENTAL IMPACTS"": ""CONCLUSION"": ""REFERENCES"": ""COALBED NATURAL GAS EXPLORATION ANDDEVELOPMENT IN WYOMING""; ""ABSTRACT""; ""INTRODUCTION""; ""HISTORICAL EVIDENCE FOR COALBED NATURAL GASOCCURRENCES": ""EXPLORATION TARGETS": ""DEVELOPMENT"" ""RESOURCES AND RESERVES""""CONCLUSION""; ""ACKNOWLEDGMENTS""; ""REFERENCES""; ""MATURE COALBED NATURAL GAS RESERVOIRS ANDOPERATIONS IN THE BLACK WARRIOR BASIN OFALABAMA""; ""ABSTRACT""; ""INTRODUCTION""; ""RESERVOIR GEOLOGY""; ""Stratigraphy and Coal Characteristics""; ""Geologic Structure"; ""Hydrogeology""; ""GAS AND WATER PRODUCTION""; ""Resources and Reserves""; ""Drilling, Completion, and Performance""; ""Water Management""; ""ENVIRONMENTAL CHALLENGES""; ""CONCLUSION"": ""ACKNOWLEDGMENTS"": ""REFERENCES"" ""INNOVATIVE APPROACHES FOR TRACING WATERCO-PRODUCED WITH COALBED NATURAL GAS:APPLICATIONS OF STRONTIUM AND CARBONISOTOPES OF PRODUCED WATER IN THE POWDERRIVER BASIN,

WYOMING AND MONTANA"""ABSTRACT""; ""INTRODUCTION"";

""CARBON AND STRONTIUM ISOTOPIC TRACERS IN NATURAL WATERS""; ""Carbon Isotopic Composition of Dissolved Inorganic Carbon in NaturalWaters""; ""Strontium Isotopic Composition in Natural Waters""; ""ANALYTICAL METHODS""; ""DISSOLVED INORGANIC CARBON ISOTOPIC ANALYSIS""; ""Strontium Isotopic Analysis"" ""SR. AND C ISOTOPIC TRACING OF COALBED NATURAL GASPRODUCED WATER: CASE STUDIES FROM THE POWDER RIVERBASIN, WYOMING AND MONTANA""""Coalbed Natural Gas Production in the Powder River Basin""; ""Geochemical Evolution of Coalbed Natural Gas Produced Water in the Powder River Basin""; ""Case Study 1: Identification of Hydraulically Isolated Coal Seams in the Eastern Powder River Basin, Wyoming""; ""Case Study 2: Identification of Coalbed Natural Gas Produced WaterReaching the Powder River in Wyoming"; ""Calculation of Proportion of Produced Water in the Powder River Using Srlsotopic Data"" ""Carbon Isotopic Identification of a Produced Water Component in the Powder River"""Case Study 3: Isotopic Identification of Produced Water Infiltration IntoShallow Aquifers""; ""Case Study 4: Isotopic Identification of Beneficial use of Produced Water for Agriculture in the Powder River Basin""; ""CONCLUSION""; ""ACKNOWLEDGMENTS""; ""REFERENCES""; ""SAFETY OF PRODUCED WATER FOR LIVESTOCK ANDWILDLIFE"": ""ABSTRACT"": ""INTRODUCTION"": ""ARSENIC"":

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