

The Deep Hot Biosphere The Myth Of Fossil Fuels

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The Deep Hot Biosphere The

The Deep Hot Biosphere proposes that life on Earth may have been made possible by the slow upward seep of those buried hydrocarbons, rather than the other way around as accepted theories hold. Thomas Gold made a career of turning accepted views upside down, and he was right more often than not. He could well be right on this one too.

The Deep Hot Biosphere: The Myth of Fossil Fuels: Thomas ...

The conditions of this deep and hot biosphere also exist on most planets in the solar system and probably have evolved similar subsurface life forms. Gold touches briefly on the implications of this theory; that the world will effectively never run out of hydrocarbons because the amounts are so massive and pervasive.

The Deep Hot Biosphere: The Myth of Fossil Fuels by Thomas ...

Thomas Gold used the term the deep hot biosphere to describe the microbes which live underground. This hypothesis is different from biogenic oil in that the role of deep-dwelling microbes is a biological source for oil which is not of a sedimentary origin and is not sourced from surface carbon.

Abiogenic petroleum origin - Wikipedia

Gold's deep, hot biosphere contribution challenged paradigms in subsurface science, petroleum research, the origin and evolution of life, and the search for life on other planets. Some argue that aspects of his ideas are highly flawed (e.g., the source of hydrocarbons in subsurface environments), whereas others argue that his ideas and the concept of a deep, hot biosphere make perfect sense.

The deep, hot biosphere: Twenty-five years of ...

There are strong indications that microbial life is widespread at depth in the crust of the Earth, just as such life has been identified in numerous ocean vents. This life is not dependent on solar energy and photosynthesis for its primary energy supply, ...

The deep, hot biosphere.

There are strong indications that microbial life is widespread at depth in the crust of the Earth, just as such life has been identified in numerous ocean vents. This life is not dependent on solar energy and photosynthesis for its primary energy supply, and it is essentially independent of the surface circumstances. Its energy supply comes from chemical sources, due to fluids that migrate ...

The deep, hot biosphere | PNAS

The theory proposes answers to often-asked questions: Is the deep hot biosphere where life originated, and do Mars and other seemingly barren planets contain deep biospheres? Even more provocatively, is it possible that there is an enormous store of hydrocarbons upwelling from deep within the earth that can provide us with abundant supplies of gas and petroleum?

The Deep Hot Biosphere | SpringerLink

The deep, hot biosphere There are strong indications that microbial life is widespread at depth in the crust of the Earth, just as such life has been identified in numerous ocean vents. This life is not dependent on solar energy and photosynthesis for its primary energy supply, and it is essentially independent of the surf ...

The deep, hot biosphere - PubMed

The Deep Hot Biosphere. In a 1992 paper "The Deep Hot Biosphere" in the Proceedings of the National Academy of Sciences, Gold first suggested that microbial life is widespread in the porosity of the crust of the Earth, down to depths of several kilometers, where rising temperatures finally set a limit. The subsurface life obtains its energy not from photosynthesis but from chemical sources in fluids migrating upwards through the crust.

Thomas Gold - Wikipedia

The Deep Hot Biosphere. The Deep Hot Biosphere theory was proposed by the scientist astrophysicist, astronomer and cosmologist Thomas Gold (1920-2004). It concerns of a microbial biosphere that exists at depth, profuse both within the Earth and probably other planets, feed by primordial and abiotic hydrocarbons, mainly methane and chemical energy. This realm, dominated by procaryotic Archaea and positioned on suitable range of temperature, is independent of surface life and protected of ...

Unconventional Geology: The Deep Hot Biosphere

The deep hot biosphere the myth of fossil fuels This edition published in 2001 by Copernicus in New York.

The deep hot biosphere (2001 edition) | Open Library

In the The Deep Hot Biosphere, Thomas Gold sets forth truly controversial and astonishing theories about where oil and gas come from, and how they acquire their organic "signatures." The...

The Deep Hot Biosphere: The Myth of Fossil Fuels - Thomas ...

The deep, hot biosphere. Gold T(1). Author information: (1)Cornell University, Ithaca, NY 14853. There are strong indications that microbial life is widespread at depth in thecrust of the Earth, just as such life has been identified in numerous oceanvents. This life is not dependent on solar energy and photosynthesis for itsprimary energy supply, and it is essentially independent of the surfacecircumstances.

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Buy a cheap copy of The Deep Hot Biosphere : The Myth of... book by Thomas Gold. This book sets forth a set of truly controversial and astonishing theories: First, it proposes that below the surface of the earth is a biosphere of greater mass... Free shipping over \$10.

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