World Academy of Science, Engineering and Technology International Journal of Mathematical and Computational Sciences Vol:14, No:12, 2020

Unconventional Hydrocarbon Management Strategy

Authors: Edi Artono, Budi Tamtomo, Gema Wahyudi Purnama

Abstract : The world energy demand increasing extreamly high time by time, including domestic demand. That is impossible to avoid because energy a country demand proportional to surge in the number of residents, economic growth and addition of industrial sector. Domestic Oil and gas conventional reserves depleted naturally while production outcome from reservoir also depleted time to time. In the other hand, new reserve did not discover significantly to replace it all. Many people are investigating to looking for new alternative energy to answer the challenge. There are several option to solve energy fossil needed problem using Unconventional Hydrocarbon. There are four aspects to consider as a management reference in order that Unconventional Hydrocarbon business can work properly, divided to: 1. Legal aspect, 2. Environmental aspect, 3. Technical aspect and 4. Economy aspect. The economic aspect as the key to whether or not a project can be implemented or not in Oil and Gas business scheme, so do Unconventional Hydrocarbon business scheme. The support of regulation are needed to buttress Unconventional Hydrocarbon business grow up and make benefits contribute to Government.

Keywords: alternative energy, unconventional hydrocarbon, regulation support, management strategy **Conference Title:** ICSRD 2020: International Conference on Scientific Research and Development

Conference Location : Chicago, United States **Conference Dates :** December 12-13, 2020