



ORAL PRESENTATION

Regional Biogenic Gas Potential in South Sumatra: A Case Study in the Lebong Region of Palembang Sub-Basin

Jerry Sykora¹, Doni Ariyanto², Fatur Madhani², Dedi Haryanto², Angen Prakoso², Gary Paukert¹ Dave Holtby¹ and Rory Clancy¹

¹ CIEC, ² Sele Raya Belida

sykoraji@gmail.com

South Sumatra has demonstrated resilience in developing its petroleum resources for over a century of commercial production. Although a mature basin, enhanced secondary production operations and innovative exploration have maintained South Sumatra as an integral part of Indonesia's oil and gas industry. Strong commodity prices, an extensive network of pipelines, and an undersupplied domestic market continue to make South Sumatra a commercially attractive region for current production and further innovative exploration. This setting now supports the exploitation of previously overlooked low density (and low risk) shallow biogenic gas in proximity to underutilized gas pipelines and expanding gas markets.

The Lebong region adjacent to Palembang is an excellent example of the typical belowground Sumatra setting of this biogenic gas resource - likely more commonly present throughout the South Sumatra region than is currently recognized. Surprisingly good deliverability from limited historic production in the Lebong region, and material reserves from ubiquitous stacked shallow gas pay adjacent to actively utilized infrastructure highlights the commercial viability of this biogenic gas play, making this emerging play type a strong candidate to contribute to the GOI vision of increasing gas production to 12 Bcf/d by 2030.

SPEAKER BIOGRAPHY

Mr. Sykora is a professional geologist and an oil and gas entrepreneur with 40 years of experience in onshore and offshore petroleum exploration and business development in North and South America, Russia, Australia, Africa, Arabia and SE Asia. He has previously held exploration, business development, senior country and regional management positions with Gulf Canada, Nexen, Talisman and Bukit Energy and has been an integral part of oil and gas discoveries and developments in Northern and Western Canada, Yemen, Nigeria, Vietnam, PNG, and Indonesia. He is founder and President of Canadian International Energy Corp.