



# EETiG 2024

Adventures in Pore Space: Shared Reservoirs in New Energy

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## Helium and Hydrocarbon: A natural hedge

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Alpha Helium

### Abstract

Alpha Helium Inc. was founded in 2020 by a team which included a Calgary technical team and Vancouver finance team, with a goal to seek helium opportunities having basin-scale potential. The team evaluated most of the sedimentary basins in Canada, screening for helium content, but also for access to infrastructure and the presence of economic hydrocarbons. The reasoning was that developing two unrelated commodities would provide a natural hedge when the value of one or the other was in recession. When both commodities are strong, this play type would potentially have twice the value of plays containing just a single commodity.

This presentation will review some of the factors leading to Alpha's eventual acquisition of Crown rights in its chosen play area, and hopefully spur conversation about the advantages of single ownership of pore space when commodities are complementary.

### Biography



**Howard Anderson** is currently President and CEO of Alpha Helium Inc., an Alberta-based startup. He has over 40 years experience in reservoir engineering, economic evaluations, and business leadership. His technical experience was gained across North America, including the Western Canadian Sedimentary Basin and Canadian Arctic with Imperial Oil and Canadian Hunter Exploration. He has been a key member of founding and operating teams at a variety of startup companies in the unconventional space, including Rockyview Energy, Triangle Petroleum, and Tuzo Energy. As an advisor to Petrel Robertson Consulting Ltd he has contributed to oil and gas, helium, lithium, geothermal, and fluid disposal projects around the world. Howard earned a BSc in Engineering Physics from Queen's University at Kingston in 1979.

