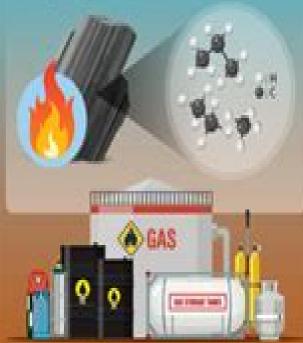
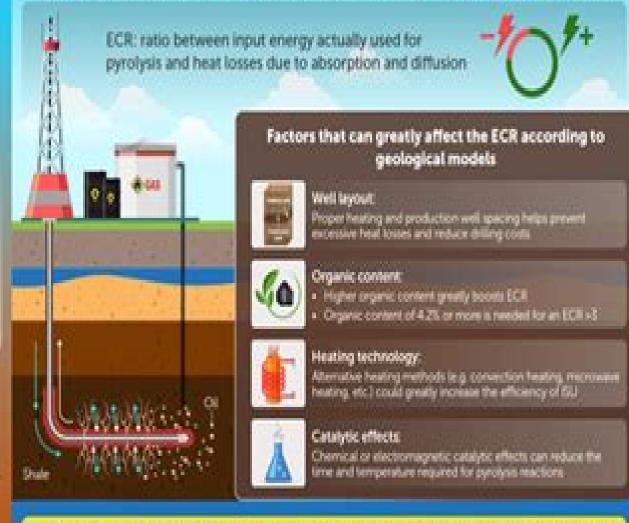
# On-site Shale Heating: An Untapped Source of Hydrocarbons?

Oil shale is a type of sedimentary rock with high organic content



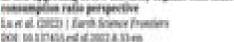
Heating oil shale for long periods of time (years) causes pyrolysis of its organic constituents into lighter hydrocarbons, known as in situ upgrading (ISU)

While ISU is technically possible, is it also economically feasible? Analyzing the economical viability of ISU in terms of energy consumption ratio (ECR)



These findings will help promote ISU as an economically feasible technology and secure a long-lasting and efficient source of hydrocarbons

Economic feasibility and efficiency enhancement approaches for in sits apprading of low maturity organic rich shale from an energy consumption ratio perspective











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