

# Review of: "Some Possibilities of Increasing the Completeness of Oil and Gas Recovery"

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**Potential competing interests:** No potential competing interests to declare.

1. How was the proposed model validated against actual field data, and what were the key findings in terms of deviation from traditional models?
2. Can the paper provide a more detailed theoretical basis for critiquing Darcy's law, especially in the context of multi-scale block structures?
3. How do variations in filtration properties impact the recovery process, and what methodologies were used to analyze these variations?
4. Could the authors delve deeper into the role of hydrocarbon fractionation in recovery efficiency and provide empirical evidence supporting their claims?
5. How can the proposed strategies be integrated with existing exploration and recovery techniques?
6. Is there an economic analysis of the proposed modifications in exploration and recovery strategies?
7. How scalable are the proposed strategies across different sizes and types of oil and gas fields?