



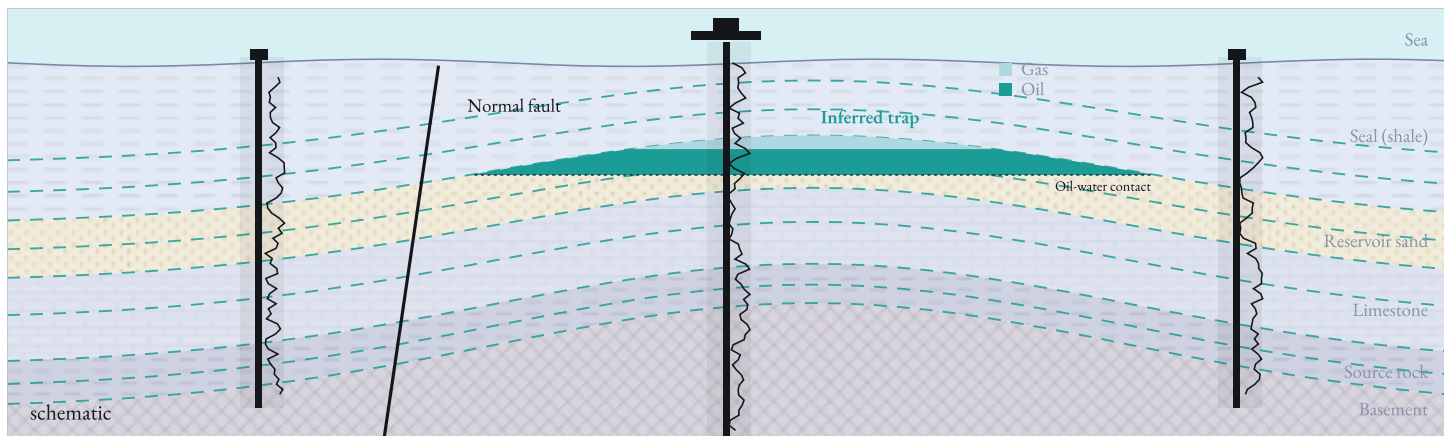
Building an AI powered x-ray for the Earth's subsurface.

Sparse data in, layers and traps out. The same model serves oil and gas, carbon capture and storage (CCS), and geological hydrogen.

JEPA INFERENCE

● Measured: three wells and their logs

--- Inferred by JENNIFER



JENNIFER: Joint Embedding Neural Network Inference For Earth Resources

Summary

- Between wells, the rock is unmeasured, new acreage is sparsely measured, someone still has to decide what is there before a well is drilled.
- We are building a “World Model” of the Earth’s crust that can be queried like a system, not like an exploration survey.
- It will be trained on open data from the Norwegian DISKOS database, the best public basin-scale database in the world.
- Norway is the market entry point, selling model licenses that will work for subsurface intelligence needs in CCS, geological hydrogen, and oil and gas.
- Ships as a licence pack and an API / MCP endpoint into existing subsurface tools.

Market

- 50% of oil remains undiscovered in Norway ([Sodir, 2026](#))
- 70 new offshore areas available for exploration in 2026 ([Norwegian Ministry of Energy, 2026](#))
- Expert Analytics offers market connections (e.g., Vår Energi meeting October) through their own clients and relationships with oil and gas industry in Norway
- **Total Addressable Market:** \$19B/year globally on exploration ([Wood Mackenzie, 2026](#))
- **Serviceable Available Market:** \$3.5B/year exploration in Norway ([Norsk Petroleum, 2026](#))

Validation

- Founder’s published data fusion research on serpentinization/white hydrogen ([Aiken, 2022; 2025; 2026](#))
- Founder developed prototype model with multivariate zero-shot prediction on well quantities like seismic velocity and lithology ([Aiken, in-review](#))

The Team



John M. Aiken, PhD

Founder, AI in Geosciences, Recursor, South Park Commons, Full time

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Jack Whattam, PhD

Geologist, rift basins, volcanic-sedimentary systems, CCS, mining, University of Oslo, 20% commitment

Advisers



Ola Skavhaug, PhD

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Pre-seed Ask: \$1M

Milestones

Month 1-4: data curriculum, model architecture, and training infrastructure	Month 4-8: Model training and validation, prediction on withheld NCS data	Month 8-12: Pilot program with partner company (e.g., Vår Energi)
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