



SEE THROUGH THE GAS CLOUD WITH THE NEW ELDFISK SEISMIC PROCESSING

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PUBLICATIONS



□ Li, Z.*, Bencherif-Soerensen, L., Tomasgaard, M., Folstad, P., Cao, J., Chen, F., Shaw, S. and Baishali, R. [2022].

Towards clearer structural images inside SOAs at Eldfisk, the North Sea. The Biennial Geophysical Seminar 2022, Norwegian Petroleum Society (NPF), Expanded Abstracts.

□ Zhengxue Li*, Leila Bencherif-Soerensen, Per Gunnar Folstad, Brian Macy, Simon Shaw and Baishali Roy [2023].

Structural and Time-Lapse Imaging through Gas Clouds via FWI at Eldfisk, North Sea. IMAGE23 – SEG | AAPG, Expanded Abstracts.

□ Li, Z., Bencherif-Soerensen, L., McCluskey*, K., Ratcliffe, A. [2023].

Improving the 4D signal inside the SOA at Eldfisk using RTM pseudo-offset gathers. Second EAGE Seabed Seismic Today Workshop 2023, Expanded Abstracts.

□ Leila Bencherif-Sørensen¹, Zhengxue Li², Kate McCluskey³ and Andrew Ratcliffe³ [2024].

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Seeing through gas clouds in 4D at Eldfisk using reverse time migrated pseudo-offset gathers. The Biennial Geophysical Seminar 2024, Norwegian Petroleum Society (NPF), Expanded Abstracts.

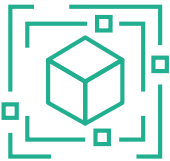
KEY POINTS



Eldfisk – Field Introduction



Challenges – Gas Clouds Imaging



Processing Solution – Using RTM pseudo-offset gathers



Results – Well Examples



Summary and Takeaways