

Identify Missed Pay With Seismic Attributes and Inversion

CHALLENGE

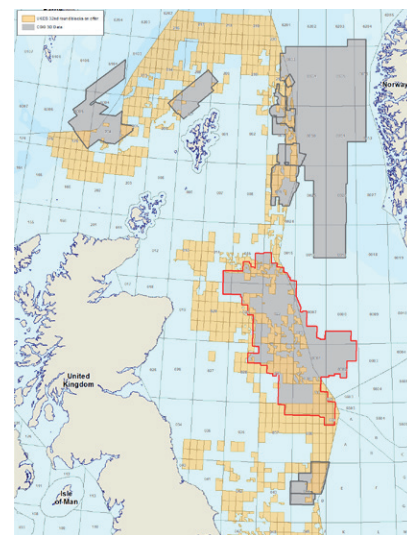
Understanding reservoir quality and distribution is key to unlocking the remaining Paleogene potential in the Central North Sea.

SOLUTION

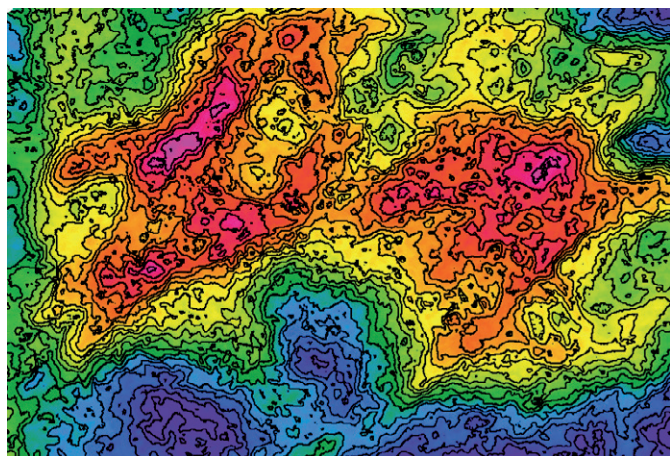
To answer these geological challenges, amplitude integrity for AVO and inversion has been a critical objective of the Cornerstone Evolution reprocessing. With enhanced low frequencies and overall bandwidth, and using the latest processing technology to improve the signal-to-noise ratio, the new data has undergone rigorous QC incorporating well data, against known anomalies in the region. The AVO integrity of the data is demonstrated by inversion well ties and the quality of the updated Facies Finder reservoir reconnaissance product.

RESULTS

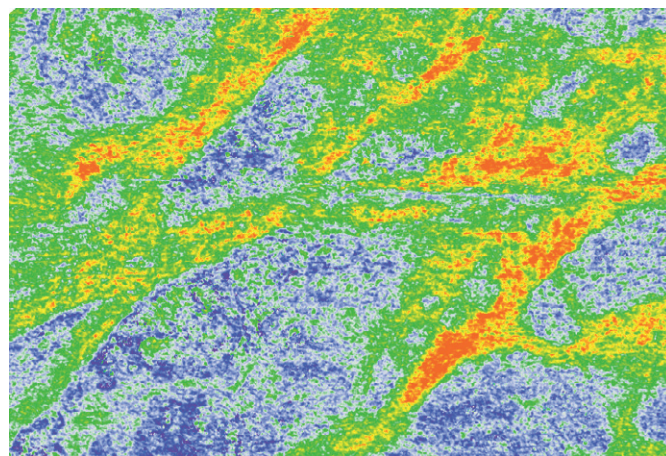
Cornerstone Evolution data and associated value-added products are helping to reveal Paleogene reservoirs in unprecedented detail and identify missed pay opportunities and areas for infill drilling on existing developments.



CGG 32nd round coverage.



Depth structure map of the top of the Sele formation.



LambdaRho seismic attribute for the Forties formation identifying hydrocarbon sands.

Follow the link below to find out more, or contact us to arrange a data viewing:

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