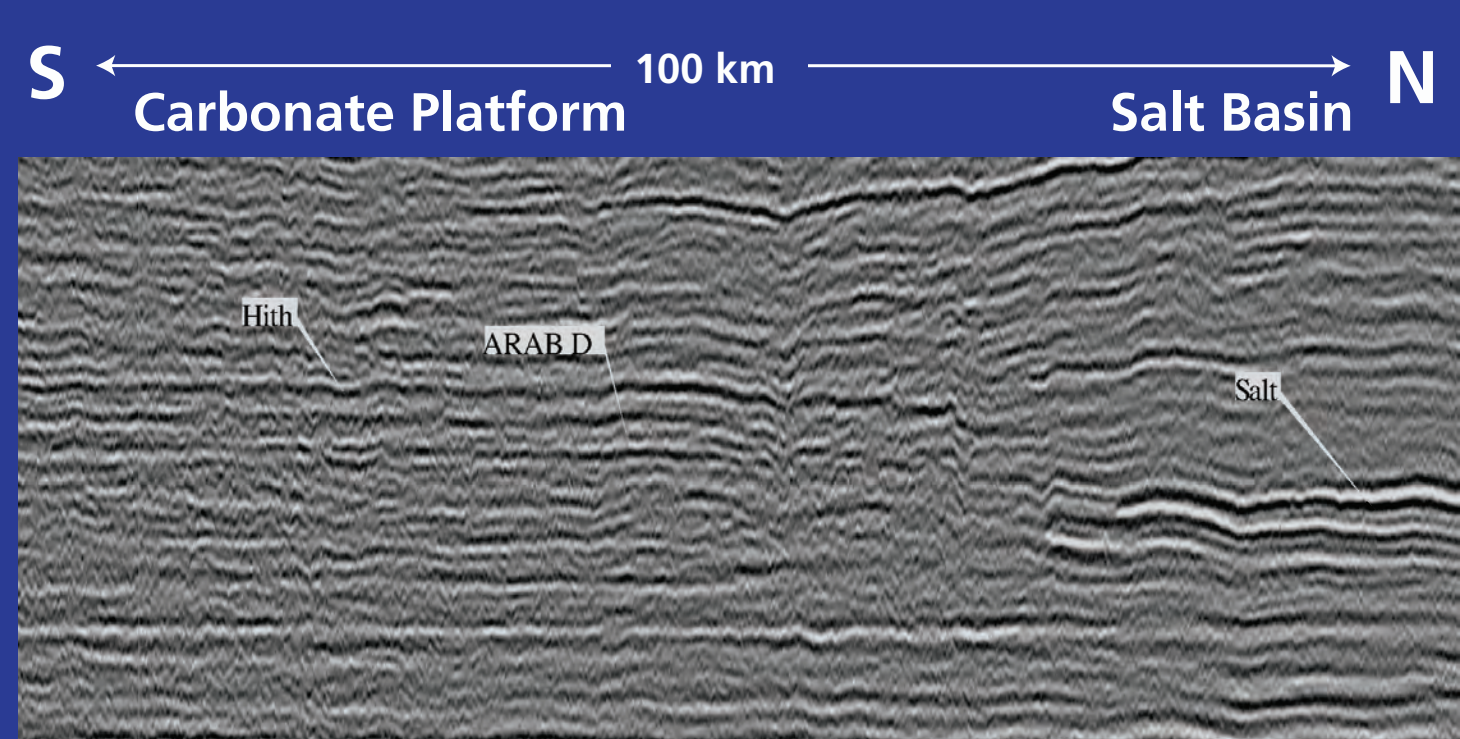
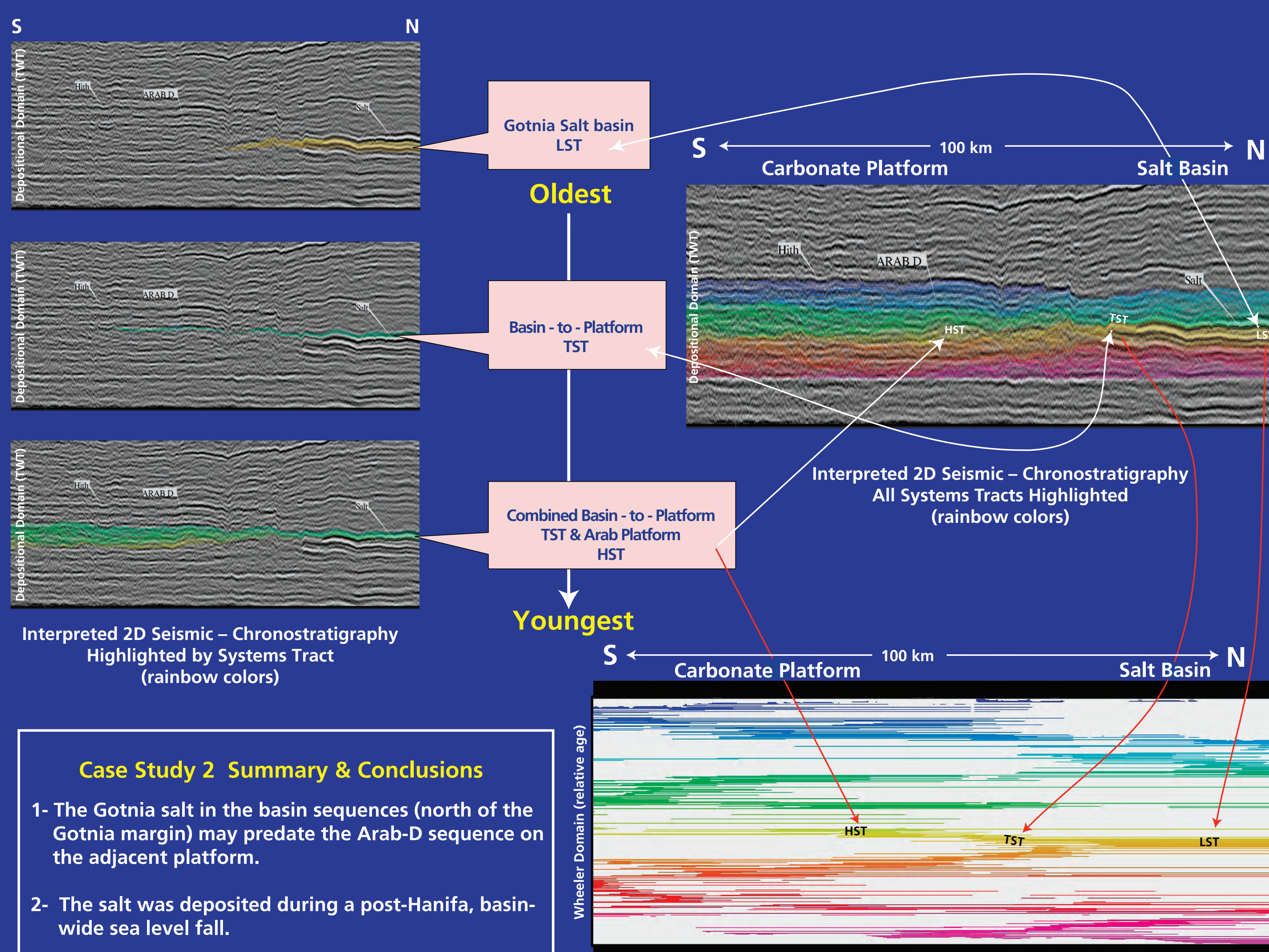
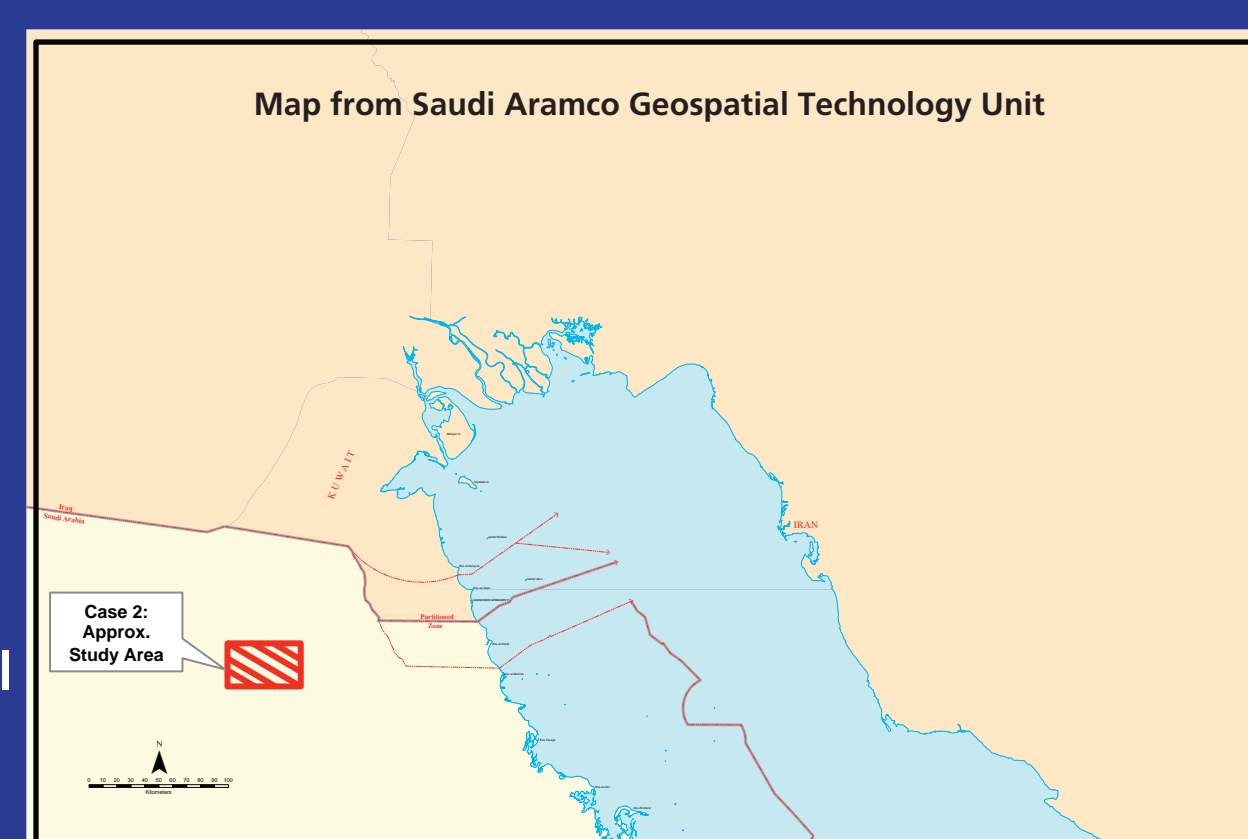


Case Study 2: Northern Saudi Arabian Jurassic Platform to Basin Transition



2D Seismic Derived From Filtered 3D Volume – No interpretation

- Relative timing of platform & basin successions is not clear from viewing the seismic data alone.
- Biostratigraphic control linking the platform and basin is limited.



Case Study 2 Summary & Conclusions

- 1- The Gotnia salt in the basin sequences (north of the Gotnia margin) may predate the Arab-D sequence on the adjacent platform.
- 2- The salt was deposited during a post-Hanifa, basin-wide sea level fall.

Summary

Two case studies illustrate breakthroughs that would have been difficult, if not impossible, to achieve using other methods.

- ★ **Southern Rub' Al-Khali, Lower Cretaceous Shu'aiba Formation.** A much better understanding of the timing, number, and relative importance of various systems tracts was rapidly gained over a two-week period.
- ★ **Northern Saudi Arabian Jurassic Platform to Basin Transition.** New insight on the relative timing of platform and basin successions was achieved in an area where biostratigraphic control linking the platform and basin was limited.

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