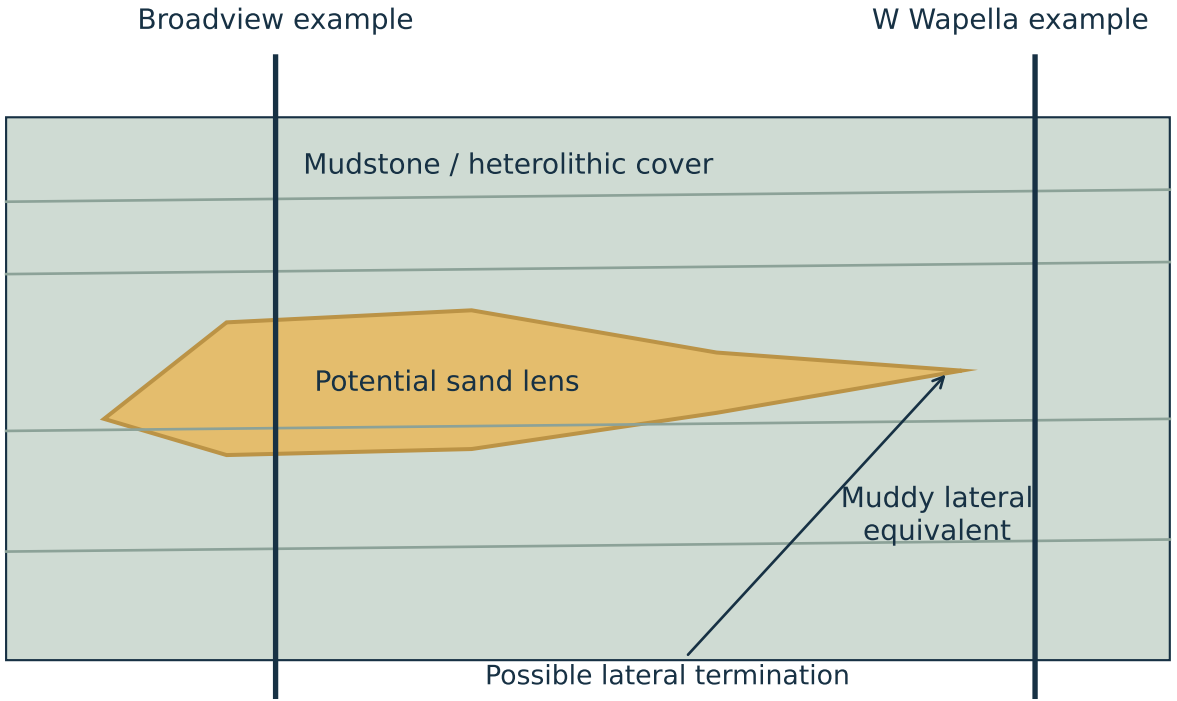
A formation can contain sand in one well and mud in the next

Published local core contrast + conceptual reservoir geometry • core depths are not a correlated TVD datum



CUMMINGS CORE CONTRAST

Broadview 14-17-15-4W2
707.7–710.2 m
Permeable sand described; pyrobitumen in pores.

W Wapella 16-33-14-2W2
676.7–684.7 m
Largely mud/shale with thin very fine sand.

Interpretation: investigate member-scale sand continuity and cementation before drawing a reservoir belt.

The lens geometry above is a testable hypothesis; it is not a measured section between these two wells.

Pyrobitumen records past charge. Mobile oil, connected pore space and a retaining trap still require testing.

Source: Christopher (2003), Report 223, Appendix A, pp. A-7–A-10; regional interpretation pp. 52–53.