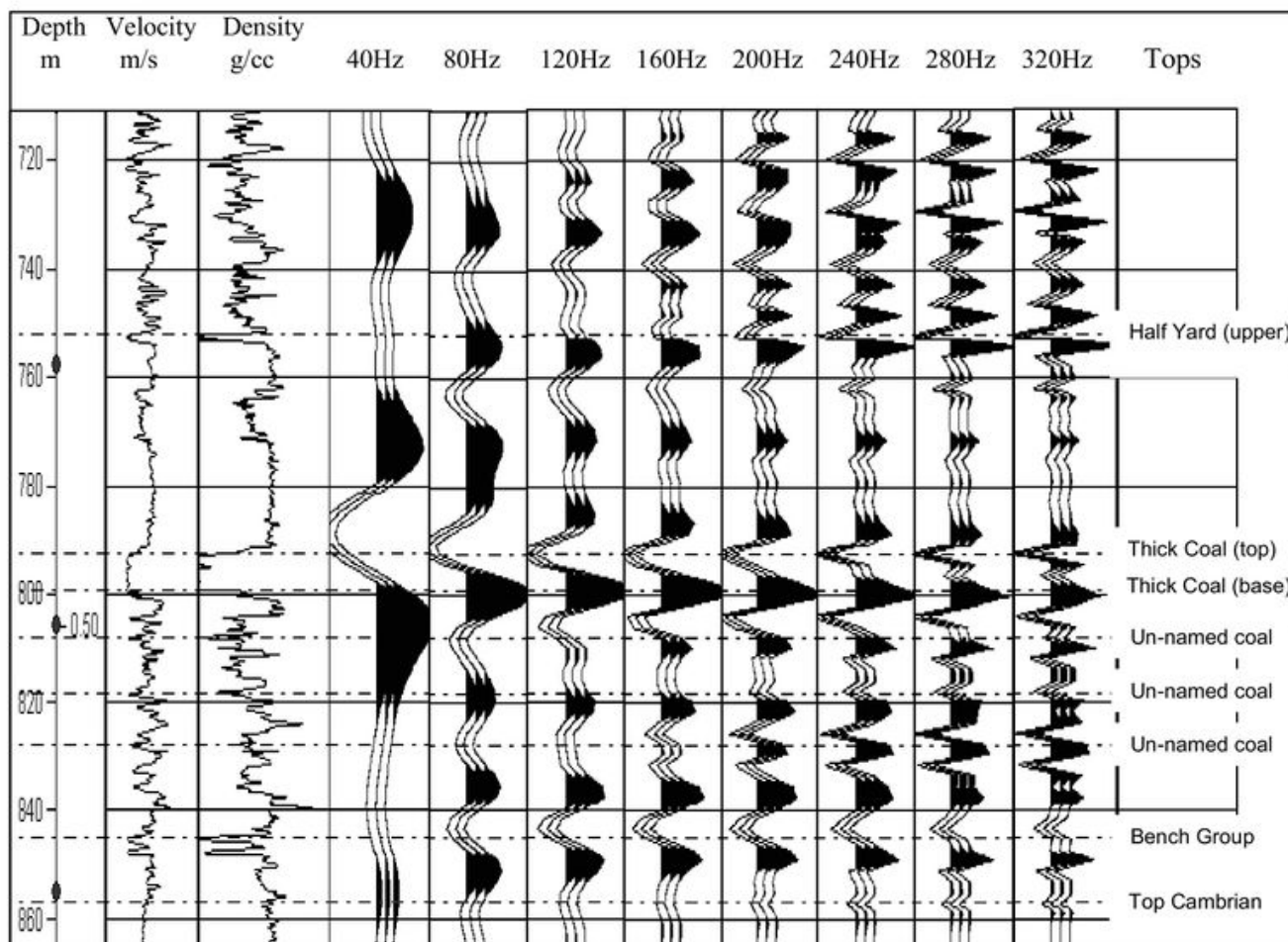


# File:YGS CHR 08 IMAG FIG 04.jpg

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## Summary

<b>description</b>	<p><b>English:</b> Figure 4 Synthetic seismograms convolved with increasing-frequency Ricker wavelets. The Thick Coal is a composite seam, 3-6m thick, in the Warwickshire coalfield. Note how the top and bottom of the seam are defined by a single wavelet up to 200Hz. Above 240Hz separate reflections are generated from the top and bottom of the seam and the bed is no longer regarded as a thin bed. Although seams such as the Half Yard and the Bench group would be interpretable at 80Hz, the un-named seams below the Thick Coal are interpretable only at higher frequencies. At 40Hz the Thick Coal and the Bench Group would be correlatable. The composite trough associated with Half Yard would be difficult to follow on a seismic section.</p> <p>From: <a href="#">Carboniferous hydrocarbon resources: the southern North Sea and surrounding onshore areas</a>, edited by J. D. Collinson, D. J. Evans, D. W. Holliday, N. S. Jones. Published as volume 7 in the Occasional Publications series of the <a href="#">Yorkshire Geological Society</a>, Copyright <a href="#">Yorkshire Geological Society</a> 2005.</p>
<b>source</b>	Yorkshire Geological Society
<b>author</b>	B.A. McGlen and J.H. Rippon

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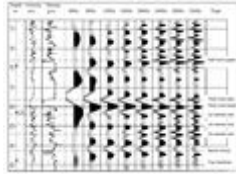
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