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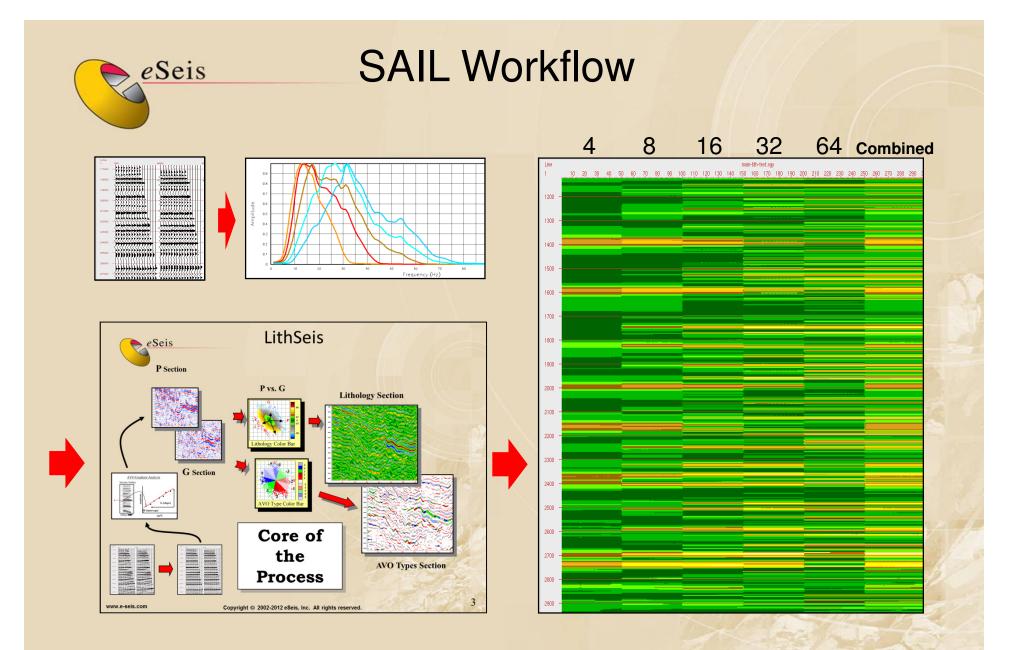
SAIL Combines:

Spectral Decomposition AVO Analysis Inversion Seismic Petrophysics

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AVO is an approach that examines the nature of the interfaces of contrasting rock properties and not the bodies themselves. By combining AVO with spectral analysis, inversion and seismic petrophysical principles, SAIL images the lithologic bodies without input from well control.

- Only input required is prestack migrated gathers

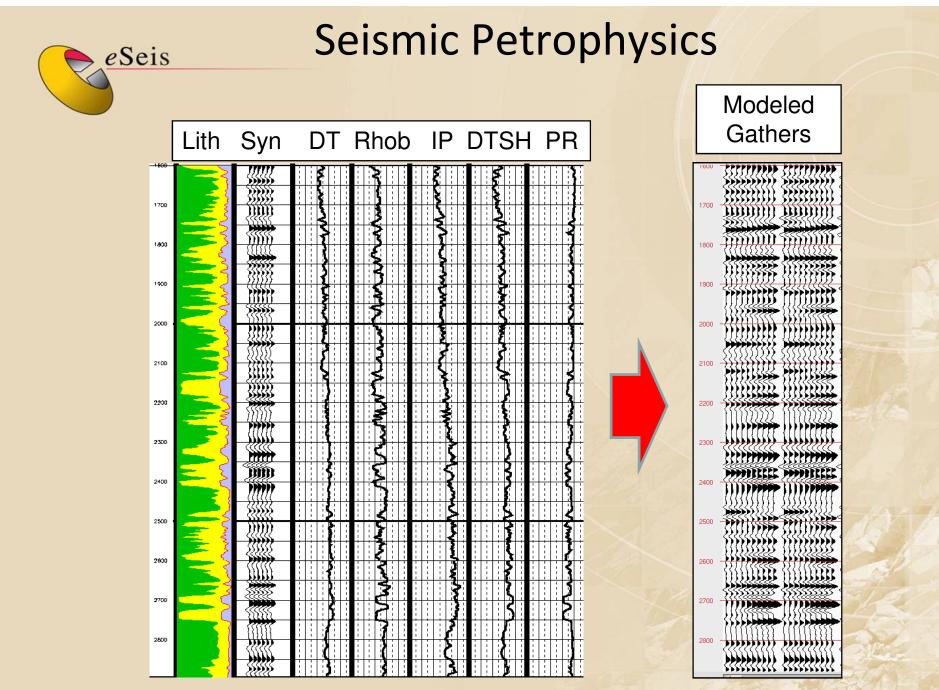


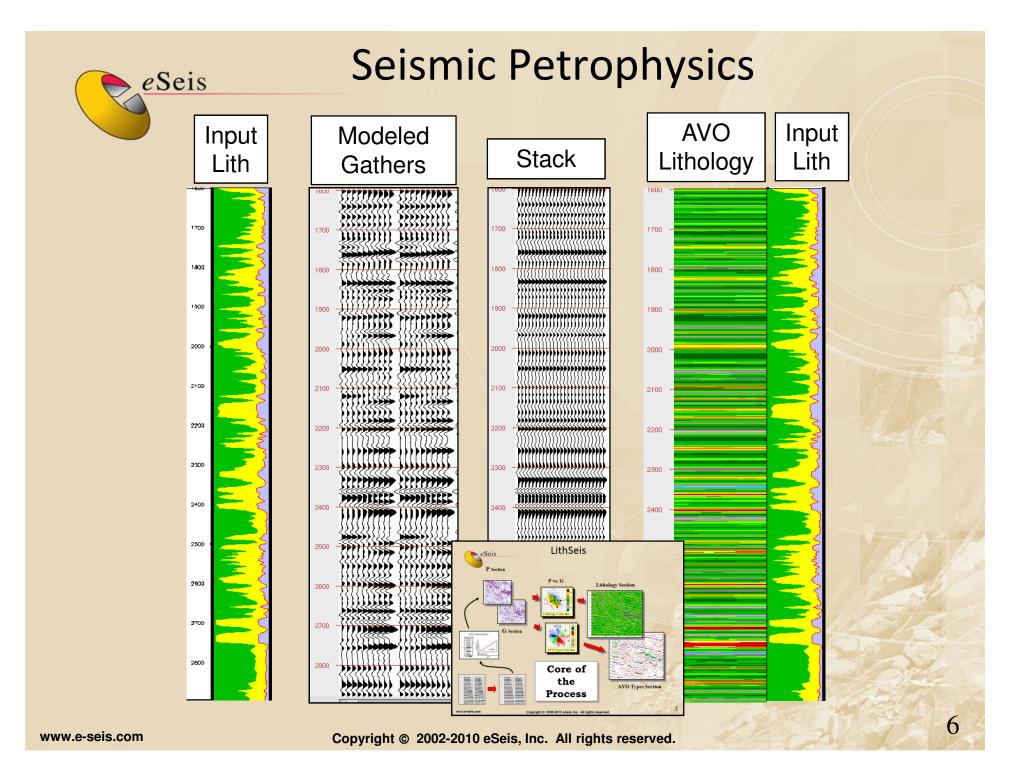


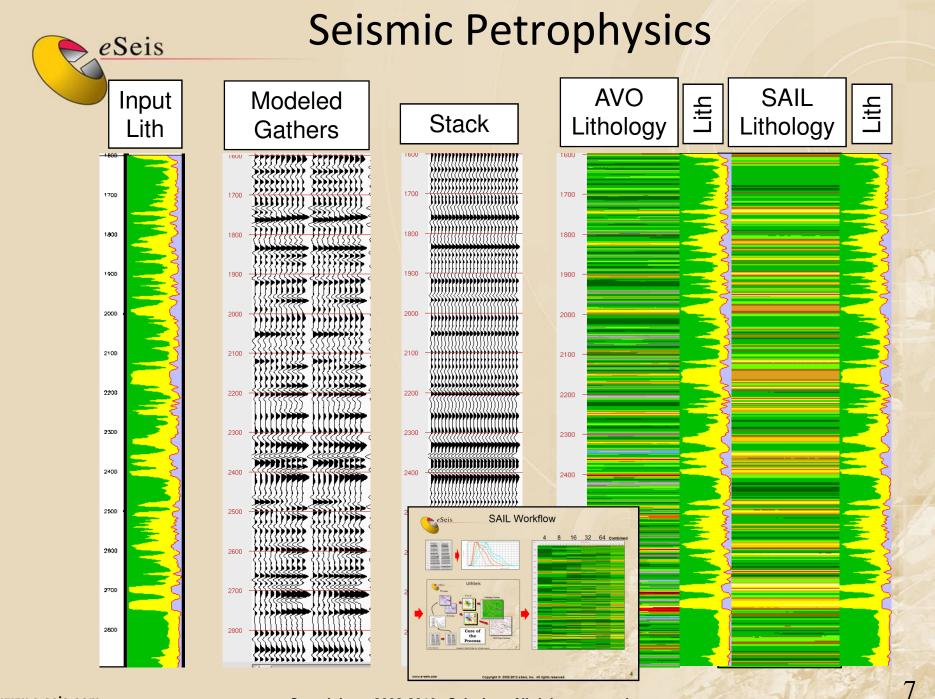
Spectral AVO Inversion for Lithology Model Example

Protected by US Patent No. 7,343,245

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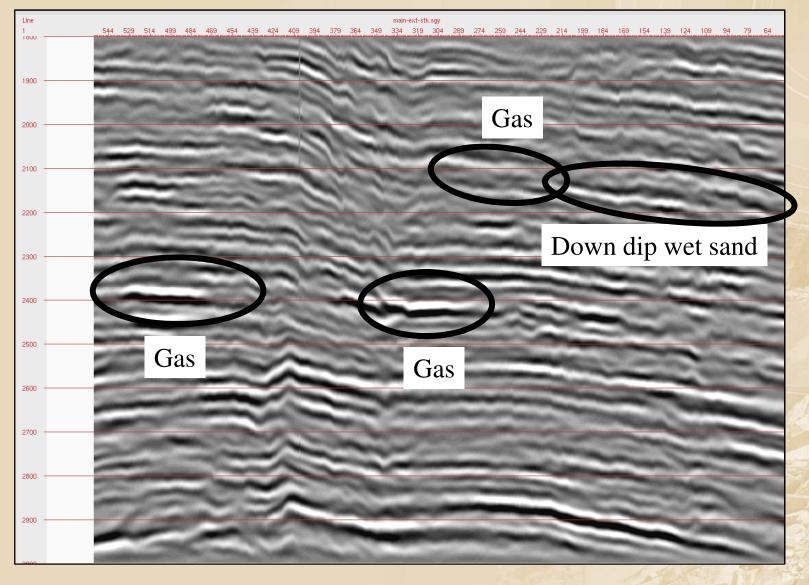
Spectral AVO Inversion for Lithology Example

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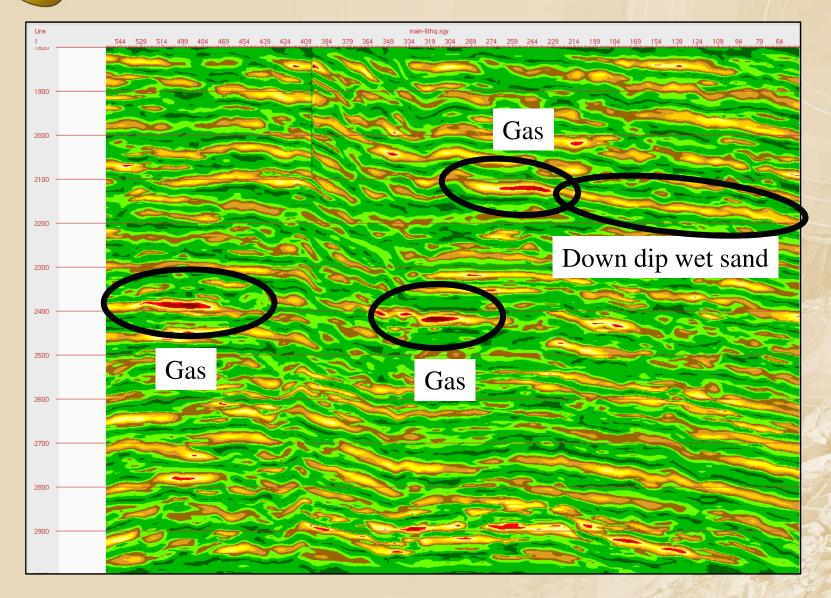
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Pre-stack Time Migrated Stack

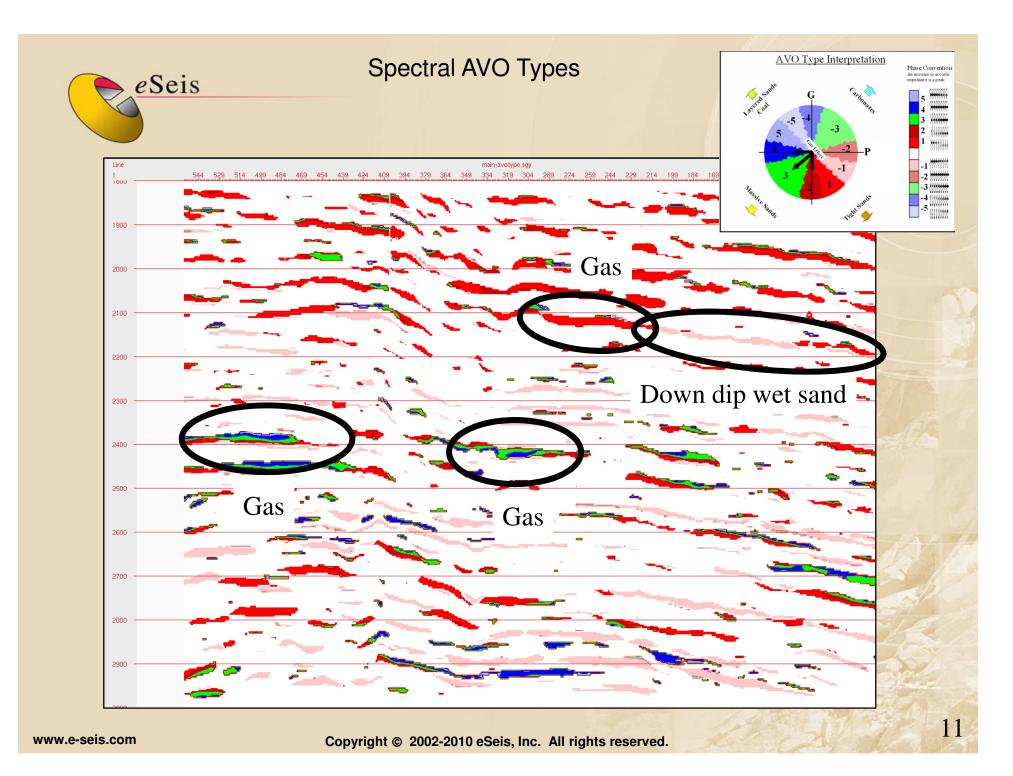


Spectral AVO Inversion for Lithology



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Spectral AVO Inversion for Lithology Example

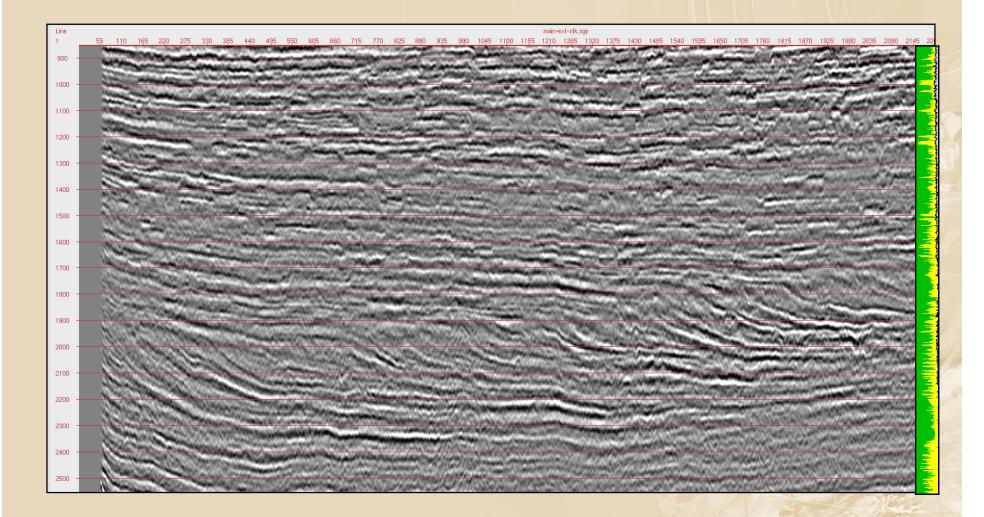
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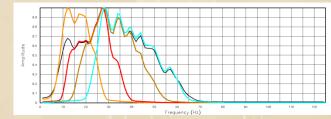
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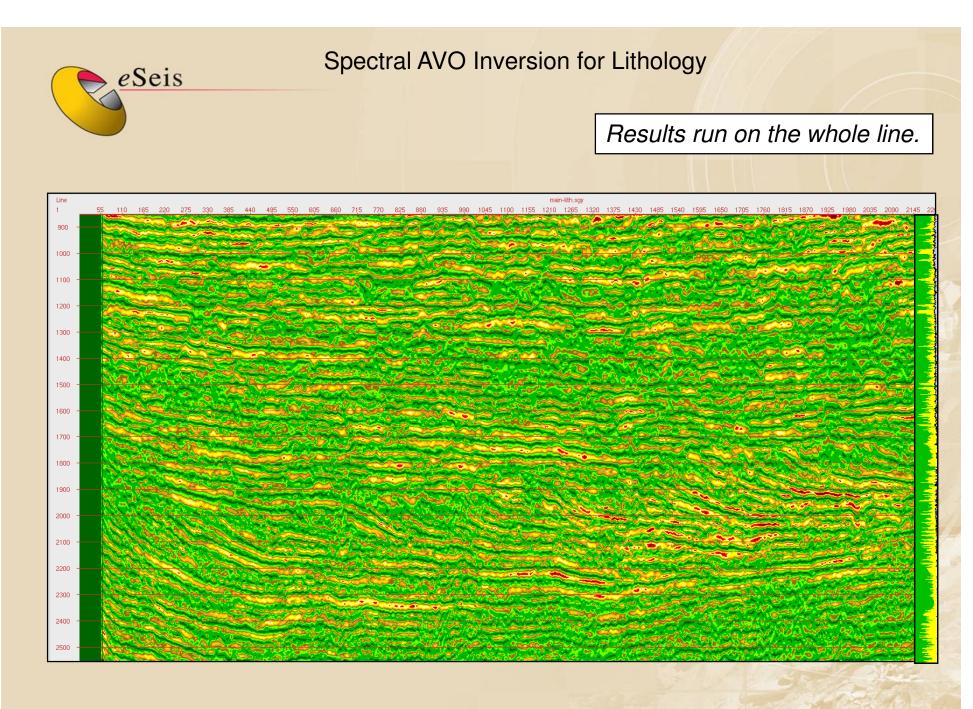


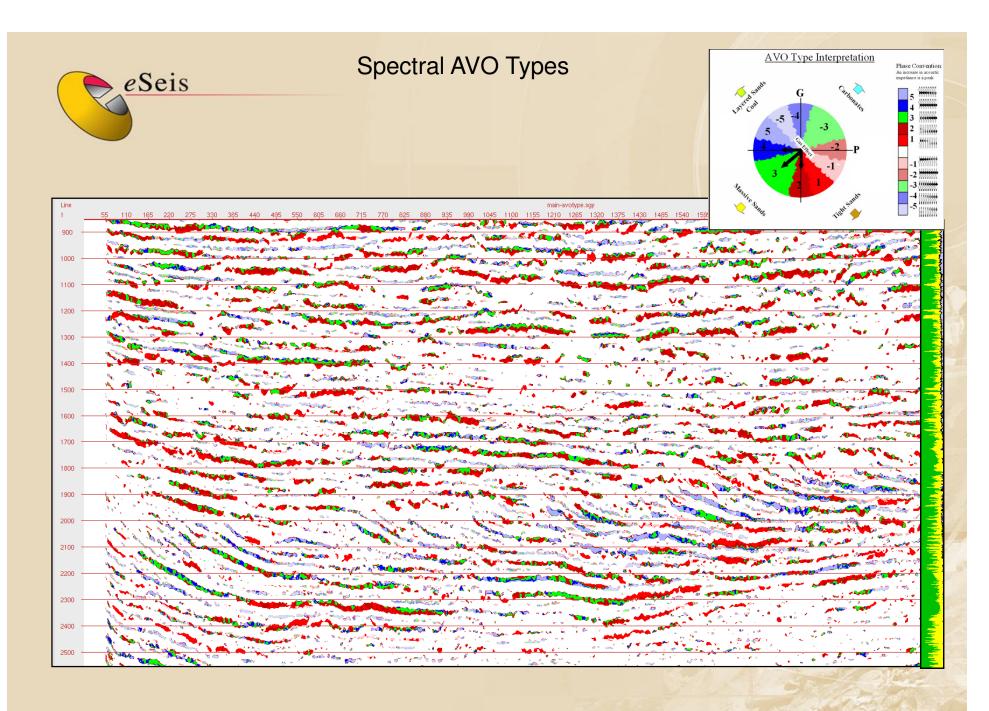
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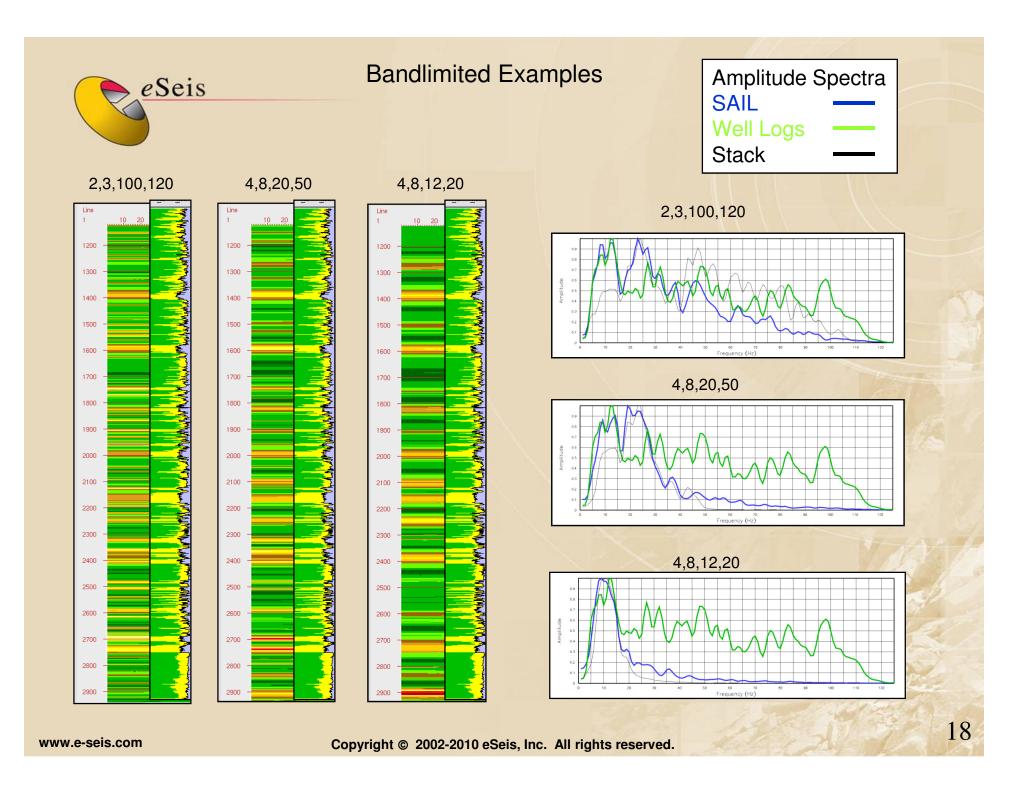


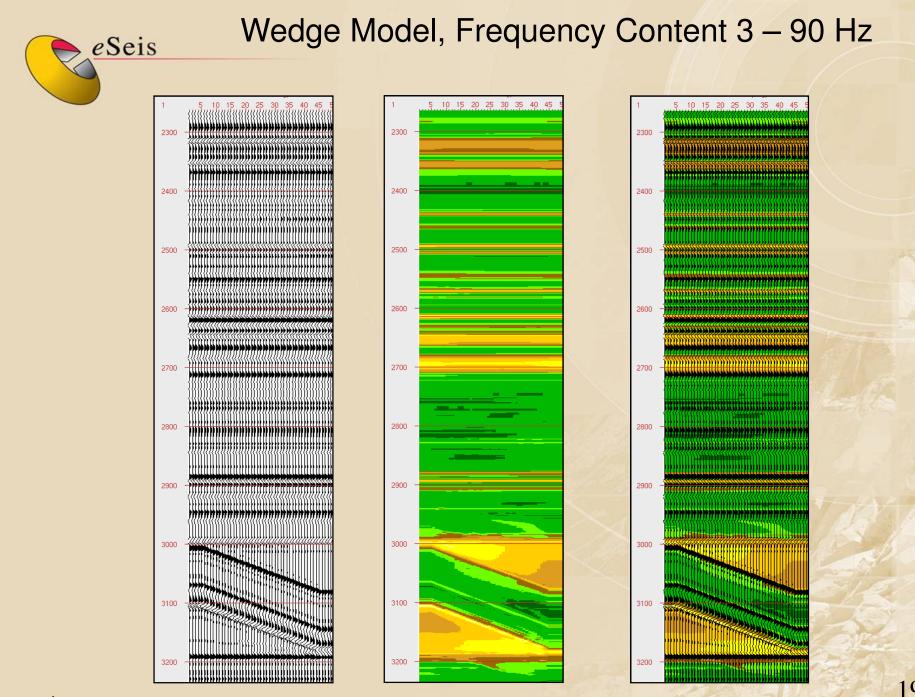
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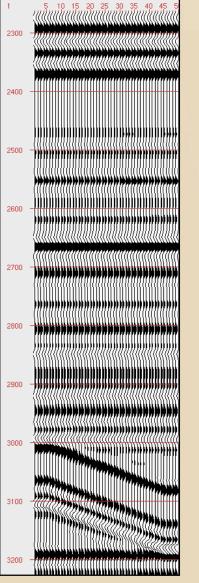


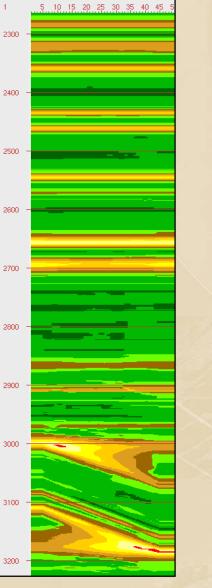
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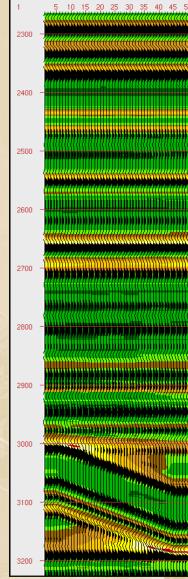
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eSeis Wedge Model, Frequency Content 8 – 35 Hz

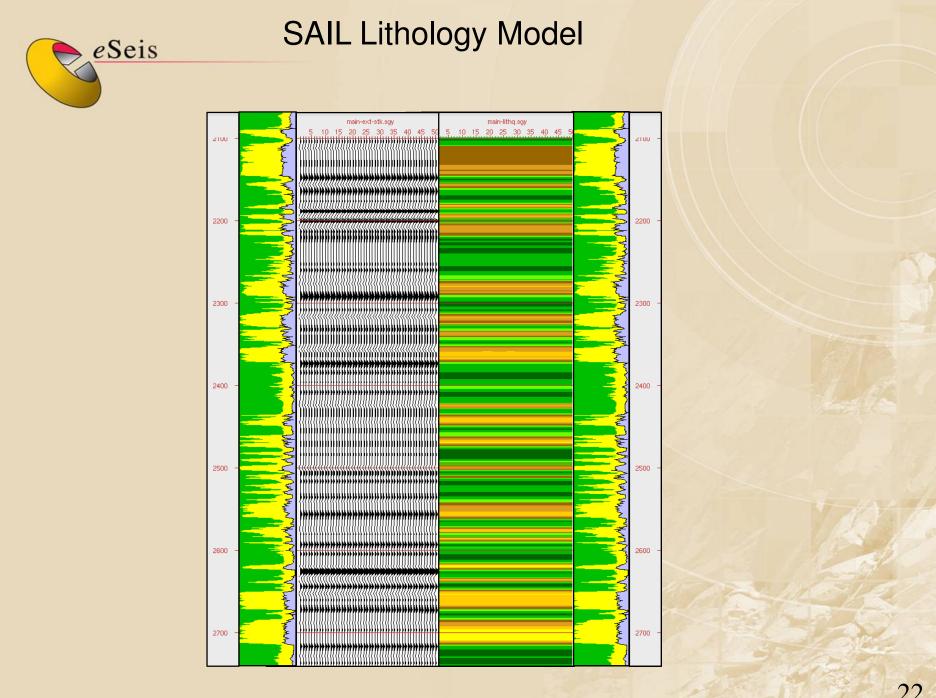






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Wedge Model & Gas Contact eSeis 3 to 90 Hz 8 to 40 Hz 8 to 15 Hz Line 1 main-lith Line main-lit Line main-lith 10 20 30 40 5 10 20 30 40 10 20 30 40



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