



Anisotropy in the Woodford Shale: An Investigation Into Seismic Response Differences

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Background

-Education-

University of California, Irvine

- B.S. Physics
- B.S. Information & Computer Science

-Work Experience-

5 years in IT support/development

Current Work

- Investigations into seismic responses of the Woodford Shale
- Canadian County, Oklahoma



Previous Work

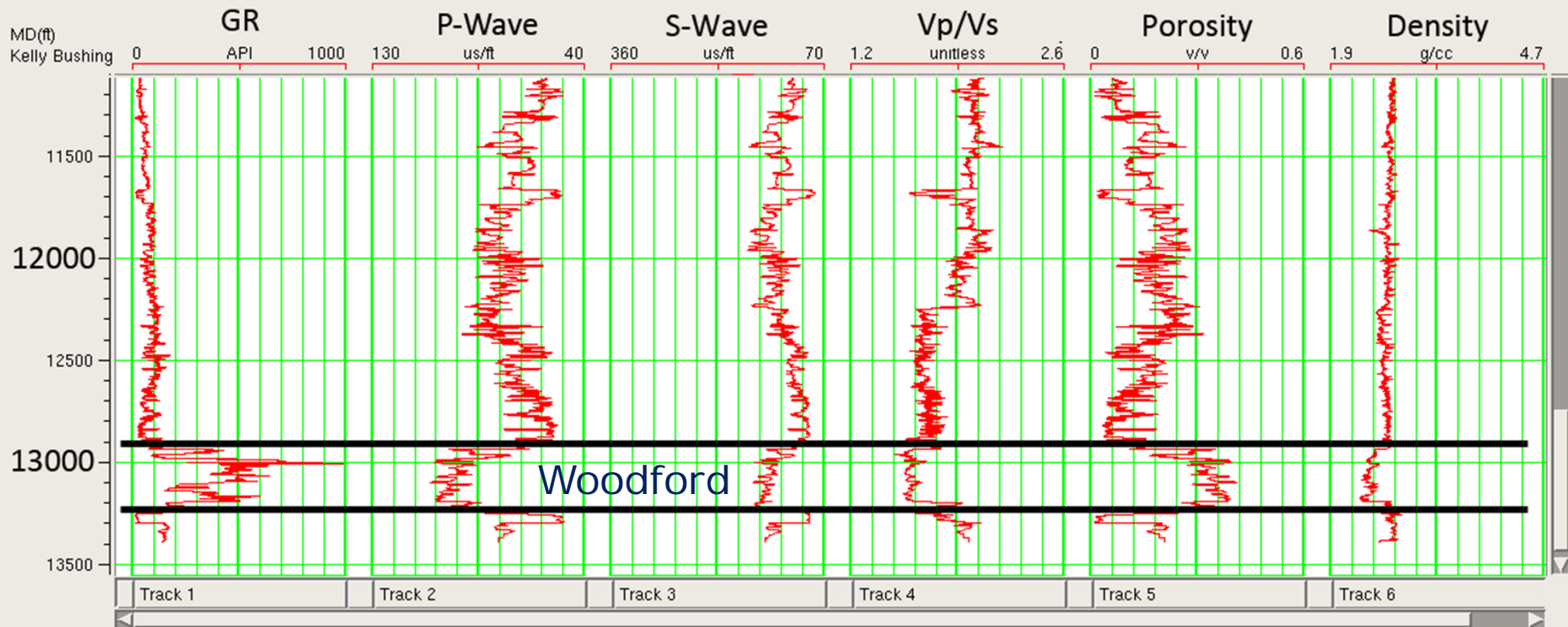
- Na Shan, M.S. '10
 - Investigated Seismic Response to Anisotropy Models
 - Simple fracture models
 - One well: Delaware Basin, West Texas

Project Ideas

-Improvements-

- 3 well logs: Canadian County, OK
 - More accurate anisotropic model
- Multicomponent seismic (nearby)
- Varied fracture models
- Hopefully establish how differences in Woodford Shale anisotropy can be interpreted from seismic

Well Logs



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