

Rock Physics Templates

Hampson-Russell July 18, 2014

Brian Russell

HAMPSON-RUSSELL

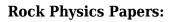
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Introduction

- This document discusses the rock physics templates (RPT), and how we have implemented the RPT approach in the Hampson-Russell software release HRS-9.
- The method is based on theory proposed by Dvorkin and Nur (1996) and Ødegaard and Avseth (2003).
- We will show the equations and the concepts behind the theory using graphical methods.
- We will also use log and inverted seismic data from the Colony sand of central Alberta to illustrate these methods

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