

**RESERVOIR PROPERTIES ASSESSMENT USING  
STOCHASTIC SEISMIC INVERSION IN MAARI  
FIELD, NEW ZEALAND**

**CAUÊ VIVIAN HESS**

**MASTER OF SCIENCE  
IN PETROLEUM GEOPHYSICS**

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**GRADUATE SCHOOL  
CHIANG MAI UNIVERSITY  
DECEMBER 2017**

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SEISMIC INVERSION IN MAARI FIELD, NEW ZEALAND**

**CAUÊ VIVIAN HESS**

**AN INDEPENDENT STUDY SUBMITTED TO CHIANG MAI UNIVERSITY IN  
PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE OF  
MASTER OF SCIENCE  
IN PETROLEUM GEOPHYSICS**

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