

**HIGH-RESOLUTION VELOCITY MODEL OF  
MARMOUSI SYNTHETIC DATA BY  
ACOUSTIC FULL WAVEFORM  
INVERSION**

**NOPADOL PHROMSAENG**

**MASTER OF SCIENCE**

**IN PETROLEUM GEOPHYSICS**

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**GRADUATE SCHOOL  
CHIANG MAI UNIVERSITY  
JANUARY 2016**

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SYNTHETIC DATA BY ACOUSTIC FULL WAVE FORM  
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**NOPADOL PHROMSAENG**

**A THESIS 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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THIS THESIS HAS BEEN APPROVED TO BE A PARTIAL FULFILLMENT OF  
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