



Universitetet
i Stavanger

FACULTY OF SCIENCE AND TECHNOLOGY

MASTER'S THESIS

Study program/Specialization:

Petroleum Engineering
Drilling and Well Technology

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Confidential

Author:

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Faculty supervisor: Mesfin Belayneh

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Thesis title:

Experimental Investigation of Heavy over Light Fluid Mix Phenomena in Vertical Wells

Credits (ECTS): 30

Key words:

Heavy over Light Solution
Mixing zone
Reelwell Drilling Method
Extended Reach Drilling
Experimental work
Multivariate Regression

Number of pages: 99

+ Appendixes: 26

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