

سامية محمد مصطفى



شبكة المعلومات الجامعية

بسم الله الرحمن الرحيم



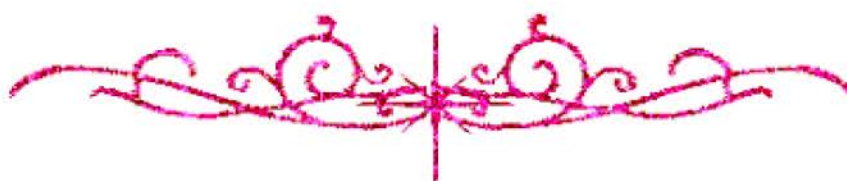
سامية محمد مصطفى



شبكة المعلومات الجامعية



شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



سامية محمد مصطفى



شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

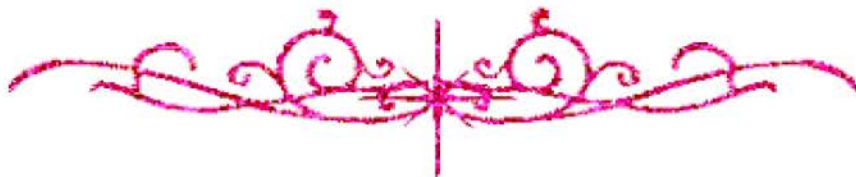
قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأقراص المدمجة قد أعدت دون أية تغيرات



يجب أن

تحفظ هذه الأقراص المدمجة بعيدا عن الغبار



سامية محمد مصطفى



شبكة المعلومات الجامعية



بعض الوثائق الأصلية تالفة



سامية محمد مصطفى



شبكة المعلومات الجامعية



بالرسالة صفحات لم ترد بالأصل



Volatile Oil and Gas Condensate Fluid Behavior for Material Balance Calculations and Reservoir Simulation

Presented By
Khaled Abd El-Fattah Ahmed Mohamed
B.Sc. in Petroleum Engineering (1995)
M.Sc. in Petroleum Engineering (2000)

A Thesis Submitted to the
Department of Mining, Petroleum, and Metallurgical Engineering,
Faculty of Engineering, Cairo University
in Partial Fulfillment of the Requirements for the degree of

Doctor of Philosophy
In Petroleum Engineering

Faculty of Engineering, Cairo University
Giza, Egypt.
November 2005

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Volatile Oil and Gas Condensate Fluid Behavior for Material Balance Calculations and Reservoir Simulation

Presented By

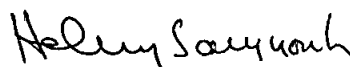
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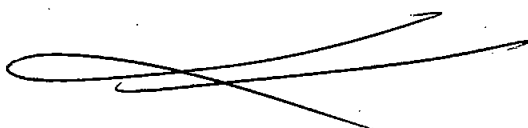
Under Supervision of

Prof. Dr. Mohamed Helmy Sayyounh
Professor of Petroleum Engineering
Cairo University



Dr. Ahmed Hamdi El-Banbi 
Associate Professor of Petroleum Engineering
Cairo University

Faculty of Engineering, Cairo University
Giza, Egypt.
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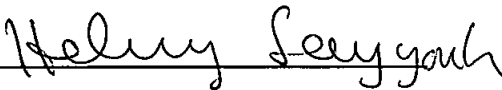
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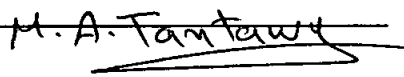
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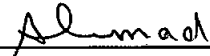
**Approved by the
Examining Committee**

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Prof. Dr. Mohamed Helmy Sayyoub (Advisor)

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Prof. Dr. Abdel Wahab A. Bayoumi

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Prof. Dr. Mahmoud Abdou Tantawy

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Dr. Ahmed Hamdi El-Banbi (Advisor)

Faculty of Engineering, Cairo University
Giza, Egypt.
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Dedication

To my parents, my daughter Reem, and my wife.

Acknowledgement

I wish to express my great gratitude to Professor Dr. Mohamed Helmy Sayyouh, and Dr. Ahmed Hamdi El-Banbi, Mining, Petroleum, and Metallurgical Department, Faculty of Engineering, Cairo University for selecting the study subject, supervising the work, and for valuable guidance during the preparation and for their continuous suggestions and encouragement.

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