TABLE OF CONTENTS:

Declaration ........................................................................................................... I
Certificate ............................................................................................................... II
Table of Contents ................................................................................................... III
List of Tables .......................................................................................................... VII
List of Figures ......................................................................................................... IX
Glossary of Acronyms ........................................................................................... XI
Dedication ............................................................................................................... XIII
Acknowledgement .................................................................................................. XIV
Abstract ................................................................................................................. XVII

CHAPTER 1: LITERATURE REVIEW AND RESEARCH METHODOLOGY 1-22

1.1. LITERATURE REVIEW .................................................................................. 1
   1.1.1. Literature Review in Accounting Information System ........................................... 1
   1.1.2. Literature Review in Petroleum Accounting & Information Systems ......................... 11

1.2. RESEARCH METHODOLOGY ...................................................................... 17
   1.2.1. Significant of the Study ................................................................................... 17
   1.2.2. Objectives of the Study ................................................................................... 18
   1.2.3. Problem of the Study ..................................................................................... 19
   1.2.4. Hypotheses of the Study ............................................................................... 20
   1.2.5. Data Sources .................................................................................................. 20
   1.2.6. Statistics Methods Used in the Study ............................................................... 21
   1.2.7. Limitation of the Study .................................................................................. 21
CHAPTER 2: THEORETICAL FRAMEWORK OF ACCOUNTING INFORMATION SYSTEMS

2.1. INFORMATION SYSTEM CONCEPTS
   2.1.1. System
   2.1.2. Classification of Systems According to the Environmental Circumstances
   2.1.3. The Difference between Data and Information
   2.1.4. Information System

2.2. AIS NATURE
   2.2.1. Accounting as Information
   2.2.2. AIS Definition
   2.2.3. Accounting Information Systems Functions
   2.2.4. Characteristics of Accounting Information
   2.2.5. Accounting Information Systems Components
   2.2.6. Accounting Information System Objectives

CHAPTER 3: ACCOUNTING INFORMATION SYSTEMS DEVELOPMENTS AND SECURITY

3.1. AIS DEVELOPMENTS AND RECENT DIRECTIONS
   3.1.1. AIS Developments
   3.1.2. The Recent Directions in Accounting Information Systems

3.2 AIS SECURITY AND INTERNAL CONTROL
   3.2.1. AIS Security
   3.2.2. The Internal Control Systems
CHAPTER 4: ACCOUNTING SYSTEMS IN PETROLEUM INDUSTRY 104-141

4.1. BACKGROUND ABOUT PETROLEUM INDUSTRY 104
   4.1.1. Petroleum Concept 104
   4.1.2. Features of the Oil and Gas Industry 105
   4.1.3. The Producing Countries Organizations 106

4.2. ATTEMPTS TO STANDARDISE PETROLEUM ACCOUNTING 110
   4.2.1. Attempts to Standardise Accounting Principles in USA 110
   4.2.2. Attempts to Standardise Accounting Principles in UK 114
   4.2.3. Disclosure 116
   4.2.4. The Social Responsibilities Disclosure in petroleum companies 122

4.3. ACCOUNTING METHODS IN PETROLEUM COMPANIES 128
   4.3.1. Hint about Petroleum Companies 128
   4.3.2. Petroleum Production Sharing 130
   4.3.3. Historical Cost Concepts of Accounting for Upstream Activities 133
   4.3.4. Accounting for Income Taxes 136

CHAPTER 5: FIELD STUDY IN PETROLEUM COMPANIES IN YEMEN 142-192

5.1. BACKGROUND ABOUT YEMEN 142
   5.1.1. Location and size 142
   5.1.2. Geology of Yemen 143
   5.1.3. Politics 144
   5.1.4. Economy 144
5.2. PETROLEUM COMPANIES PROFILE IN YEMEN  
5.2.1. The existence of the petroleum companies in Yemen between (1931-1970)  
5.2.2. The existence of the petroleum companies in Yemen between (1971-2000)  
5.3. THE STUDY ANALYSIS  
5.3.1. Respondents Demographics and Companies Characteristics  
5.3.2. Hypotheses Test  

CHAPTER 6: CONCLUSIONS AND RECOMMENDATIONS  

6.1. CONCLUSIONS  
6.1.1. The Findings of the Theoretical Study  
6.1.2. The Findings of the Practical Study  
6.2. RECOMMENDATIONS  
6.3. SUGGESTIONS FOR FURTHER RESEARCH  

Appendices:  
Bibliography