CONTENTS

			Page
1.	The composition of petroleums, natural gases and oil field waters		1
	1.1	The components of petroleums	1
	1.2	The components of natural gases	17
	1.3	The composition of petroleums	20
	1.4	The colloidal structure of petroleums	25
	1.5	The composition of natural gases	27
	1.6	The composition of oil field waters	28
	1.7	Chemical aspects of the origin of petroleums and natural gases	34
2.	Analysis		38
	2.1	Separation of crude oils	39
	2.2	Characterization of Fractions	47
	2.3	Structural group analysos	54
3.	The properties of Petroleums and natural gases		64
	3.1	Liquid phase behaviour	64
	3.2	Compressibility and shrinkage	90
	3.3	The flow behaviour of liquids in the pore space	97
	3.4	Interfacial behaviour	109
	3.5	The forces	118
4.	The classification of petroleums, natural gases and oil field waters		121
	4.1	The classification of petroleums	121
	4.2	The classification of natural gases	124
	4.3	The classification of oil field waters	125
Literature			127
Reg	Register		
Glossary with a German translation of terms			135