Contents

Part 1: Introduction

UK Oil and Gas Fields – An Overview by J. G. GLUYAS & H. M. HICHENS 3
Lessons from oil and gas exploration in and around Britain by R. F. P. HARDMAN
The tectonic and stratigraphic framework of the United Kingdom’s oil and gas fields by J. R. UNDERHILL 17

Part 2: East Irish Sea Fields

The Douglas Oil Field, Block 110/13b, East Irish Sea by A. YALIZ & N. McKIM 63
The Hamilton and Hamilton North Gas Fields, Block 110/13a, East Irish Sea by A. YALIZ & P. TAYLOR 77
The Lennox Oil and Gas Field, Block 110/15, East Irish Sea by A. YALIZ & T. CHAPMAN 87
The North Morecambe Field, Block 110/2a, East Irish Sea by G. COWAN & T. BOYCOTT-BROWN 97
The South Morecambe Gas Field, Blocks 110/2a, 110/3a, 110/7a and 110/8a, East Irish Sea by J. C. BASTIN, T. BOYCOTT-BROWN, A. SIMS & R. WOODHOUSE 107

Part 3: Atlantic Margin Fields

The Foinaven Field, Blocks 204/19, 204/24a, UK North Sea by A. G. CARRUTH 121

Part 4: Viking Graben Fields

The Andrew and Cyrus Fields, Blocks 16/27a, 16/28, UK North Sea by J. E. JOLLEY 133
The Armada development, UK Central North Sea: The Fleming, Drake and Hawkins Gas-Condensate Fields by I. A. STAULT 139
The Beryl Field, Block 9/13, UK North Sea by R. M. KARASEK, R. L. VAUGHAN & T. T. MASUDA 153
The Birch Oil Field, Block 16/12a, UK North Sea by J. HOOK, A. ABHVINI, J. G. GLUYAS & M. LAWLOR 167
The Central Brae Field, Blocks 16/07a, 16/07b, UK North Sea by K. J. FLETCHER 183
The East Brae Field, Blocks 16/03a, 16/03b, UK North Sea by S. R. BRANTER 191
The North Brae and Beinn Fields, Block 16/7a, UK North Sea by J. A. BREHM 199
The South Brae Field, Blocks 16/07a, 16/07b, UK North Sea by K. J. FLETCHER 211
The West Brae and Sedgwick Fields, Blocks 16/06a, 16/07a, UK North Sea by S. D. WRIGHT 223
The Brent Field, Block 211/29, UK North Sea by S. R. TAYLOR, J. A. MACLEOD, S. ARNOTT, D. KEMSHELL & D. TAYLOR 233
The Deveron Field, Block 211/18a, UK North Sea by A. M. BROWN & A. D. MILNE 251
The Don Field, Blocks 211/13a, 211/14, 211/18a, 211/19a, UK North Sea by A. D. MILNE & A. M. BROWN 257

Part 5: Moray Firth Fields

The Balmoral, Glamis and Stirling Fields, Block 16/21, UK Central North Sea by M. GAMBARO & V. DONAGEMMA 369
The Britannia Field, Blocks 15/29a, 15/30, 16/26, 16/27a, 16/27b, UK North Sea by P. J. HILL & A. J. PAFREY 415
The Captain Field, Block 13/22a, UK North Sea by J. R. UNDERHILL 431
The Ivanhoe, Rob Roy and Hamish Fields, Block 15/21, UK North Sea by M. A. HARVEY & S. CURRIE 443
The MacCulloch Field, Block 15/24b, UK North Sea by C. GUNN, J. A. MACLEOD, P. SALVADOR & J. TOMKINSON 453
The Scott Field, Blocks 15/21a, 15/22, UK North Sea by S. GUSCOTT, K. RUSSELL, A. THICKPENNY & R. PODDIUBUK 467

Part 6: Central Graben Fields

The Auk Field, Block 30/16, UK North Sea by N. H. TREWIN, S. G. FRYBERGER & H. KREUTZ 485
The Banff Field, Blocks 22/27a, 29/2a, UK North Sea by N. EVANS, J. A. MACLEOD, N. MACMILLAN, P. RORISON & P. SALVADOR 497
The Curlew Field, Block 29/7, UK North Sea by G. ENYEOK, P. Bussink & A. MAAN 509
The Erskine Field, Block 23/26, UK North Sea by R. N. COWARD 523
The Fife and Fergus Fields, Block 31/26a, UK North Sea by M. SHEPHERD, A. MACGREGOR, K. BUSH & J. WAKEFIELD 537
The Flora Field, Blocks 31/26a, 31/26c, UK North Sea by R. D. HAYWARD, C. A. L. MARTIN, D. HARRISON, G. VAN DORT, S. GUTHRIE & N. PADGET 549
The Forties and Brimmond Fields, Blocks 21/10, 22/6a, UK North Sea by A. CARTER & J. HEALE 557
The Fulmar Field, Blocks 30/16, 30/11b, UK North Sea by O. KUHN, S. W. SMITH, K. VAN NOORT & B. LOISEAU 563
The Maureen Field, Block 16/29a, UK Central North Sea by P. M. CHANDLER & B. DICKINSON 587
The Moira Field, Block 16/29a, UK Central North Sea
by P. M. CHANDLER & B. DICKINSON

The Montrose, Arbroath and Arkwright Fields, Blocks 22/17, 22/18, 22/23a, UK North Sea by A. J. C. HOGG


The Pierce Field, Blocks 23/22a, 23/27, UK North Sea
by P. BIRCH & J. HAYNES

Part 7: Southern North Sea Gas Fields

The Barque Field, Blocks 48/13a, 48/14, UK North Sea
by M. J. SARGINSON

The Boulton Field, Block 44/21a, UK North Sea
by A. M. CONWAY & C. VALVATNE

The Camelot Fields, Blocks 53/1a, 53/2, UK North Sea
by R. M. KARASEK & J. R. HUNT

The Clipper Field, Blocks 48/19a, 48/19c, UK North Sea
by M. J. SARGINSON

The Corvette Field, Block 49/24, UK Southern North Sea
by A. P. HILLIER

The Davy, Bessemer, Beaufort and Brown Fields, Blocks 49/23, 49/30a, 49/30c, 53/5a, UK North Sea
by C. W. MCCRONE

The Gawain Field, Blocks 49/24, 49/29a, UK North Sea
by R. A. OSBON, O. C. WERNGREN, A. KYEI, D. MANLEY & J. SIX

The Guinevere Field, Block 48/17b, UK North Sea
by M. LAPPIN, D. J. HENDRY, I. A. SAIKIA

The Hewett Fields: Blocks 49/16, 49/21, 49/20a, 49/25b, UK North Sea
by J. COURTIER & H. RICHES

The Indefatigable Field, Blocks 49/18, 49/19, 49/23, 49/24, UK North Sea by C. W. MCCCRONE, M. GAINSKI & P. J. LUMSDEN

The Johnston Gas Field, Blocks 43/26a, 43/27a, UK Southern North Sea by D. E. LAWTON & P. P. ROBERSON

The Leman Field, Blocks 49/26, 49/27, 49/28, 53/1, 53/2, UK North Sea by A. P. HILLIER

The Malory Field, Block 48/12d, UK North Sea by P. BIRCH & J. HAYNES

The V-Fields, Blocks 49/16, 49/21, 49/20a, 49/25b, UK North Sea by D. R. S. BRUCE & P. REBORA

The Windermere Gas Field, Blocks 49/9b, 49/4a, UK Southern North Sea by R. J. BAILEY & J. E. CLEVER

Part 8: East Midlands Basin Fields

The Hatfield Moors and Hatfield West Gas (storage) Fields, South Yorkshire by J. WARD, A. CHAN & B. RAMSAY

The Saltfleetby Field, Block L 47/16, Licence PEDL 005, Onshore UK by T. HODGE

The West Firsby Oilfield, Development Licence 003, Lincolnshire by R. J. BAILEY

Part 9: Weald and Wessex Basin Fields

The Humby Grove, Herriard, Storrington, Singleton, Stockbridge, Goodwood, Horndean, Palmers Wood, Bletchingley and Albury Fields, Hampshire, Surrey and Sussex, UK Onshore by S. TRUEMAN

The Kimmeridge Bay Oilfield, Dorset, UK Onshore by J. G. GLUYAS, J. J. EVANS & D. RICHARDS

Appendix 1

Appendix 2

Index

It is recommended that reference to all or part of this book should be made in one of the following ways:
