

North Sea Study Occasional Papers 1-99

Copies of older papers are available from:

The Secretary (NSO Papers)
University of Aberdeen Business School
Edward Wright Building
Dunbar Street
Aberdeen A24 3QY

Tel No: (01224) 273427
Fax No: (01224) 272181
Email: a.g.kemp@abdn.ac.uk

Papers published are:

- OP 01 North Sea Oil and the Scottish Economy
by D. I. Mackay (1975)
- OP 02 Estimated Demand for Supply Boat Berths in Scotland,
1974 - 80
by N. F. Trimble (1975)
- OP 03 The Demand for Production Platforms and Platform Sites,
1974 -1980
by G. A. Mackay and N. F. Trimble (1975)
- OP 04 Prospects for the Shetland Economy
by G. A. Mackay (1975)
- OP 05 The Demand for Helicopter Services for the UK Continental
Shelf
by N. F. Trimble (1975)
- OP 06 Prospects for the Moray Firth Sub-Region
by G. A. Mackay (1975)
- OP 07 Foreign Nationals in North East Scotland
by A. Marr (1975)
- OP 08 Prospects for the Orkney Economy
By G. A. Mackay (1975)
- OP 09 Prospects for the Buchan Economy
by G. A. Mackay and A. Marr (1976)
- OP 10 The Costs of North Sea Oil Developments, Past Trends and
Future Prospects
by N. F. Trimble (1976)
- OP 11 The Taxation of North Sea Oil
by A. G. Kemp (1976)
- OP 12 Revised Estimates of the Demand for Production Platforms,
1977-82
by G. A. Mackay (1977)
- OP 13 A Review of the Proposed Changes in North Sea Oil Taxation
by A. G. Kemp and D. Crichton (1978)
- OP 14 The 1981 North Sea Fiscal System
by A. G. Kemp and D. Rose (1981)
- OP 15 The Reform of Petroleum Taxation of the UK Continental Shelf
by A. G. Kemp and D. Rose (1982)

- OP 16 The Benefits of North Sea Oil
by A. G. Kemp, C. P. Hallwood and P. W. Wood (1982)
- OP 17 The Effects of Taxation of Petroleum Exploitation: a
Comparative Study
by A. G. Kemp and D. Rose (1982)
- OP 18 Investment in Oil Exploration and Development: a
Comparative Study of the Effects of Taxation
by A. G. Kemp and D. Rose (1982)
- OP 19 The North Sea Oil and Gas Supply Industry, 1977-1990
by D. Newlands, R. Shaw and P. Jones (1983)
- OP 20 Fiscal Aspects of Incremental Investments in the UK
Continental Shelf
by A. G. Kemp and D. Rose (1984)
- OP 21 Fiscal Aspects of the Rise and Fall of Oil Production in the UK
Continental Shelf by A. G. Kemp and D. Rose (1985)
- OP 22 Fiscal Aspects of Field Abandonment in the UKCS
by A. G. Kemp and D. Rose, assisted by B. Creed (1985)
- OP 23 The Offshore Oil Supply Industry in Aberdeen: the Affiliates -
their Characteristics and Importance
by P. Hallwood (1986)
- OP 24 Barriers to Entry in the North Sea Offshore Oil Supply Industry
by J. A. Cairns, A. H. Harris and H. C. Williams (1987)
- OP 25 The Fiscal System Applied to the North Sea Southern Basin
Gas Fields
by A. G. Kemp and G. K. Kellas (1987)
- OP 26 Petroleum Development Investment Risks and Fiscal Systems:
a Comparative Study of the UK, Norway, Denmark and The
Netherlands
by A. G. Kemp, D. Rose and G. K. Kellas (1988)
- OP 27 Petroleum Exploration Risks and Fiscal and State Participation
Systems: a Monte Carlo Study of the UK, Norway, Denmark
and The Netherlands
by A. G. Kemp, D. Rose and G. K. Kellas (1988)
- OP 28 Economic and Fiscal Aspects of the Development and
Decommissioning of New Oil Fields in the North Sea: a
Comparative Study of the UK, Norway, Denmark and The
Netherlands
by A. G. Kemp and G. K. Kellas, assisted by D. Reading
(1989)
- OP 29 The Economics of Field Abandonment in the UKCS
by A. G. Kemp (1989)
- OP 30 Twenty-Five Years on: an Assessment of UK North Sea Oil
and Gas Policies
by A. G. Kemp (1990)
- OP 31 A Comparative Analysis of the Impact of the UK and
Norwegian Petroleum Tax Regimes on Different Oil Fields
by A. G. Kemp and D. Reading (1990)

- OP 32 The Impact of Petroleum Fiscal Systems in Mature Field Life: a Comparative Study of the UK, Norway, Indonesia, China, Egypt, Nigeria and United States Federal Offshore
by A. G. Kemp with D. Reading (1991)
- OP 33 The Medium Term Prospects for UK North Sea Oil and Gas: a Financial Simulation
by A. G. Kemp, D. Rose, R. Dandie with D. Reading (1991)
- OP 34 Economic and Fiscal Aspects of Field Abandonment with Special Reference to the UK Continental Shelf
by A. G. Kemp with D. Reading (1991)
- OP 35 Development and Production Prospects for Oil and Gas from the UK Continental Shelf after the Gulf Crisis: a Financial Simulation
by A. G. Kemp, D. Rose and R. Dandie (1991)
- OP 36 The Economics of Incremental Investments in Mature Oil Fields in the UK Continental Shelf
by A. G. Kemp and D. Reading (1991)
- OP 37 The Effects of the Fiscal Terms applied to Offshore Petroleum Exploitation of New Fields: a Comparative Study of the UK, Norway, Denmark, The Netherlands, Australia, China, Indonesia, Egypt, Nigeria and United States Outer Continental Shelf
by A. G. Kemp, D. Reading and B. MacDonald (1992)
- OP 38 The UK and Norwegian Fiscal Systems: a Comparative Study of their Impacts on New Field Investments
by A. G. Kemp and B. MacDonald (1992)
- OP 39 Potential Gas Supplies from the UKCS and some Possible Fiscal Constraints
by A. G. Kemp assisted by M. Høvring (1992)
- OP 40 Incremental Investments in Mature Gas Fields in the UKCS and the Fiscal Problem with Special Reference to the Gas Levy
by A. G. Kemp and B. MacDonald (1992)
- OP 41 The Impact of the UK 1993 Budget Proposals on Oil and Gas in the UKCS
by A. G. Kemp, D. Rose, M Høvring and D. Reading (1993)
- OP 42 The Interaction of the Petroleum Fiscal System and Cost-Savings in the UKCS Pre and Post the 1993 Budget
by A. G. Kemp and B. MacDonald (1993)
- OP 43 Fiscal Aspects of Investment Opportunities in the UKCS and Norway, Denmark, The Netherlands, Australia, China, Alaska (North and South) and the US Outer Continental Shelf
by A. G. Kemp and D. Rose (1993)
- OP 44 The Economics of Field Abandonment and Mothballing in the UKCS
by A. G. Kemp and B. MacDonald (1993)
- OP 45 Economic Aspects of Cost Savings in the UKCS
by A. G. Kemp and B. MacDonald (December 1993, pp. 95)
- OP 46 Low Oil Prices, Prospective Activity Levels in the UKCS and the effects of Cost Savings
by A. G. Kemp and B. MacDonald (May1994, pp. 61)

- OP 47 Economic and Fiscal Aspects of Incremental Oil Investments in the UKCS
by A. G. Kemp, B. MacDonald and Linda Stephen (June 1994, pp. 128)
- OP 48 Economic and Fiscal Aspects of Oil Tariffing in the UKCS
by A. G. Kemp and Linda Stephen (October 1994, pp.101)
- OP 49 Petroleum Investment and Taxation: the North Sea and the Far East
by A. G. Kemp, David Rose and Linda Stephen (January 1995, pp. 56)
- OP 50 Prospective Developments, Production and Revenues from the UKCS 1995-2000: a Financial and Regional Simulation
by A. G. Kemp and Linda Stephen (March 1995, pp. 44)
- OP 51 The Economics of Gas Developments in the UKCS in the New Market Situation
by A. G. Kemp and Linda Stephen (July 1995, pp.82)
- OP 52 Recent and Prospective Developments in Natural Gas Markets in the UK and Continental Europe
by A. G. Kemp and Linda Stephen (October 1995, pp. 39)
- OP 53 The Economics of Infrastructure Cost Sharing with Cluster Type Developments in the UKCS
by A. G. Kemp and Linda Stephen (November 1995, pp.98)
- OP 54 Petroleum Tax Systems and Incentives to Explore
by A. G. Kemp and Peter D. A. Jones (January 1996, pp.26)
- OP 55 Investment, Taxation and Production Sharing in the Russian and Azerbaijan Petroleum Industries
by A. G. Kemp and Peter D. A. Jones (April 1996, pp. 67)
- OP 56 Oil and Gas Prospects in the UKCS to 2010: Price, Cost and Reserve Sensitivities
by A. G. Kemp and Linda Stephen (May 1996, pp.52)
- OP 57 Investment Risk Aspects of New Gas Contracts in the UKCS
by A. G. Kemp and Linda Stephen (July 1996, 115)
- OP 58 Reforming the Alaskan Petroleum Fiscal System: a Positive Sum Game
by A. G. Kemp and Peter D. A. Jones (August 1996, pp.32)
- OP 59 Progressive Petroleum Taxes and the 'Gold Plating' Problem
by A. G. Kemp and Peter D. A. Jones (September 1996, pp. 88)
- OP 60 The Oil Price Responsiveness of the UK Petroleum Fiscal System
by A. G. Kemp and Linda Stephen (November 1996, pp. 25)
- OP 61 Economic and Fiscal Aspects of Decommissioning, Mothballing, and Re-use of Facilities in the UKCS
by A. G. Kemp and Linda Stephen (January 1997, pp. 62)
- OP 62 Investment Prospects in Exploration and Development in the UKCS After the 1997 Budget
by A. G. Kemp and Peter D. A. Jones (March 1997, pp.93)
- OP 63 Risk : Reward Aspects of Contractual Arrangements Among Oil Companies and Contractors
by A. G. Kemp and Linda Stephen (May 1997, pp.115)

- OP 64 The Effects of the July 1997 Budget on Exploration and Development in the UKCS
by A. G. Kemp and Linda Stephen (August 1997, pp.65)
- OP 65 A Reassessment of Petroleum Taxation in the UKCS
by A. G. Kemp, Linda Stephen and Kathleen Masson (November 1997, pp. 119)
- OP 66 Taxation and Project Risk Sharing with Special Reference to the UKCS
by A. G. Kemp and Kathleen Masson (March 1998, pp.57)
- OP 67 The Economics of Oil and Gas Exploration and Development West of Scotland
by A. G. Kemp and Linda Stephen (September 1998, pp.143)
- OP 68 Exploration and Development Prospects in the UKCS : the 1998 Perspective
By A. G. Kemp and Linda Stephen (September 1998, pp.21)
- OP 69 Oil and Gas Exploration and Development in the UKCS: A Monte Carlo Analysis of the Risks and Returns
By A. G. Kemp and Kathleen Masson (October 1998, pp.62)
- OP 70 Expenditures in and Revenues from the UKCS: Estimating the Hypothetical Scottish Shares 1970 – 2003
By A G Kemp and Linda Stephen (January 1999, pp. 24)
- OP 71 Prospective Activity Levels in the Regions of the UKCS Under Different Oil and Gas Prices: an Application of the Monte Carlo Technique
By A G Kemp and Linda Stephen (May 1999, pp. 42)
- OP 72 Risk and Investment Decision-Making: a Comparison of the Monte Carlo and FORM/SORM Techniques with Applications to an Oilfield Development
By A G Kemp and Linda Stephen and Patrick McIntosh, Det Norske Veritas (July 1999, pp. 41)
- OP 73 Incremental Investment and Taxation in Mature Fields in the UKCS
By A G Kemp and Linda Stephen (July 1999, pp. 81)
- OP 74 Prospects for the UKCS: Cost, Exploration and Price Sensitivities
By A G Kemp and Linda Stephen (September 1999, pp.19)
- OP 75 The Prospects for UK Gas Supply and Demand
By A G Kemp and Linda Stephen (March 2000, pp. 27)
- OP 76 Prospective Oil Production from and Investment in the UKCS: the 2000 Perspective
By A G Kemp and Linda Stephen (June 2000, pp. 47)
- OP 77 The Economics of Field Cluster Developments in the UKCS
By A G Kemp and Linda Stephen (August 2000, pp. 59)
- OP 78 Enhancing Understanding of Energy Investment Risks: The Contribution of the FORM and SORM Techniques
By A G Kemp, Linda Stephen and Patrick McIntosh (December 2000, pp. 36)

- OP 79 An Econometric Model of Oil and Gas Exploration, Development, and Production in the UKCS: A System Approach
By A G Kemp and Sola Kasim (December 2000, pp. 54)
- OP 80 Characteristics of North Sea Oil Reserve Appreciation
By GC Watkins, (December 2000, pp. 119)
- OP 81 Economic Aspects of Field Decommissioning in the UKCS
By A G Kemp and Linda Stephen (May 2001 pp. 58)
- OP 82 Prospects for Activity Levels in the UKCS
By A G Kemp and Linda Stephen (June 2001, pp.51)
- OP 83 Prospects for UK Gas Supply and Demand
By A G Kemp and Linda Stephen (July 2001, pp.35)
- OP 84 The Full Cycle Returns to Exploration in the UKCS
By A G Kemp and Linda Stephen (October 2001, pp. 28)
- OP 85 An Integrated Medium-Term Econometric Forecast of Activity Levels in the UKCS
By A G Kemp and Sola Kasim (November 2001), pp. 47
- OP 86 The Prospects for Activity Levels in the UKCS: The 2002 Perspective
By A G Kemp and Linda Stephen (February 2002), pp. 66
- OP 87 An Analysis of Production Decline Rates in the UK Continental Shelf (UKCS)
By A G Kemp and Sola Kasim (June 2002) pp. 48
- OP 88 UK Gas Production, Imports and Networks: Response to the PIU Report
By A G Kemp and Linda Stephen (July 2002), pp. 34
- OP 89 The Impact of the 2002 Tax Changes on the UK Continental Shelf
By A G Kemp and Linda Stephen (August 2002), pp. 44
- OP 90 UK Oil and Gas Production Prospects, the Optimal Utilisation of UKCS Infrastructure, and the 2003 Budget Tax Changes
By A G Kemp and Linda Stephen (April 2003), pp. 73
- OP 91 Possible Taxation Incentives for the Norwegian Petroleum Industry
By A G Kemp and Linda Stephen (September 2003), pp: 67
- OP 92 A Regional Model of Oil and Gas Exploration in the UKCS
By A G Kemp and Sola Kasim (November 2003), pp. 44
- OP 93 A Reassessment of Potential Production from and Expenditures in the UKCS
By A G Kemp and Linda Stephen (March 2004), pp. 52
- OP 94 The Petroleum Development Investment Risks and Returns in Libya: a Monte Carlo Study of the Current Contractual Terms (EPSA IV)
By A G Kemp and Waniss Otman (April 2004), pp. 39
- OP 95 Economic Aspects of Incremental Projects in the UKCS
By A G Kemp and Linda Stephen (June 2004), pp. 60
- OP 96 The Prospects for UK Gas Supply and Demand
By A G Kemp and Linda Stephen (September 2004), pp.38

- OP 97 Economic Aspects of Prospective Decommissioning Activity
In the UKCS to 2030
By A G Kemp and Linda Stephen (December 2004), pp.61
- OP 98 Prospects for Activity Levels in the UKCS to 2030: the 2005
Perspective
By A G Kemp and Linda Stephen (May 2005), pp. 52
- OP 99 A Longitudinal Study of Fallow Dynamics in the UKCS
By A G Kemp and Sola Kasim, (September 2005), pp. 42