

JOHN H MARTIN
Petroleum Development Consultant

Some 30 years in the international oil & gas industry, specialising in integrated technical consultancy and technical project management, particularly for large reservoir studies. Author of successful training courses in project management, technical writing and reservoir development.

Experience

1996 - Pres Director & Principal Advisor, John H Martin Associates Ltd

Integrated development studies & farm-in/divestment evaluations. Project management & audit. Equity Expert resolution & redetermination defence. Production & reservoir geology.

Field development & reservoir studies: **Geological advisor** to field development team. Compiled two well proposals for Central North Sea new business development team. **Technical advisor/manager** of integrated reservoir engineering study of large carbonate reservoir, onshore Libya. **Technical consultancy** for CNS field pre-development planning; stranded asset geological evaluation, and other Tertiary fan exploration/appraisal projects. Permeability prediction study for Norwegian operator. Regional reservoir development review, West Africa.

Redetermination defence: **Project co-ordinator**, major Norwegian North Sea redetermination: strategic/technical and project management work for a 15-person team for all phases of redetermination. **Redetermination advisor**, large West of Shetlands field: formulated, advised and participated in a defence work programme for unit interest holder and assisted partner strategy. Technical supervision of subcontractors. **Advisor** for SNS field redefinition and also on unitization procedures and UOA-related issues for several UK and international clients, also for UKCS gasfield determination. Peer reviewer and **Submission author/editor**, North African field determination.

Redetermination Expert: **Project manager/co-ordinator** of Expert teams for two major redeterminations, offshore Norway. Similar roles for onshore Netherlands gas field reserves redetermination and first determination of a UK North Sea field. **Expert to Court** of Appeal, The Netherlands: Logger oil field ownership dispute.

Farm-in/acquisition & data room evaluation: **Experienced data room team member and team co-ordinator**. Established asset evaluation team (Nigerian asset) for UK trading company. Dataroom evaluation for assets in Russia, Kazakhstan and UK SNS (including preparatory work for LSE Competent Person's Reports). Over twenty further dataroom/asset evaluations for potential UKCS new entrants, also and more recently West Africa (Ghana, Cabinda etc.) and North Africa (Algeria, Libya, Egypt Gulf of Suez, Western Desert)

Farm-out & divestment packages: Prepared divestment packages and dataroom IMs for multiple NNS and CNS assets for major UK operator: **technical co-ordination, presentation and follow-up of datarooms**. Similar and more recent roles for assets offshore West Africa and offshore India.

Technical audits and study compilation: **Audit team member** for gas reserves/resources review, offshore Egypt, and independent technical audit for development project, offshore Newfoundland. **Compiler and editor** for major regional G&G HPHT study. Reviewed and edited board papers and stock market reports for European downstream company.

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Training: Seminars for major multinational, UK/Netherlands. **In-house courses** in UK, Norway, Spain, Indonesia and Hungary.

1989 - 96 Independent Consultant

Production & reservoir geology; integrated development studies. Project management. Equity Expert resolution & redetermination advice.

Integrated reservoir studies: Project advisor/manager for long-term geological and petroleum engineering studies of giant field in Libya: responsible for technical content of studies, project planning and monitoring, team recruitment, report writing and presentation, also subcontracting of specialist studies. Compiled report and presentation for further two-year reservoir simulation study on the same field. Also provided **technical audit**, management and compilation/reporting of studies on four smaller fields in Libya over an 18-month period.

Redeterminations: Geological Expert for three major UK field redeterminations and partner **Advisor** for a fourth equity project.

Outcrop analogue studies: Geological fieldwork over two seasons in complex glacial sandstone reservoir, Oman; applying ground-penetrating radar, shallow drilling and coring, conventional mapping and sedimentology. Field workshop and seminar to disseminate results.

Training: Course presenter for significant number of UK and international public and in-house training seminars in reservoir development geology, core description, project management in integrated reservoir studies, technical writing and presentation skills.

1989 - 91 Senior Lecturer: Dept. of Geology Imperial College, London

Designed and taught Reservoir Geology option of Petroleum Geology MSc course, and parts of Pet. Engineering MSc and European Diploma course in Reservoir Management.

1985 - 89 Senior then Principal Geologist: IPEC Ltd, London

Reservoir geological evaluation within the framework of integrated studies performed by petroleum engineering consultancy company. Input to reservoir simulation modelling, and also close liaison with petrophysical specialists.

Technical reservoir studies: In UK, Norway, Yemen and New Zealand: **oilfield development studies; geological modeling, permeability and net pay determination, volumetrics and prospect evaluation.** Clients included a range of major and independent oil companies and government agencies.

Research: Initiator and **joint supervisor** of joint academic/industrial research project on reservoir geology of Rotliegendes aeolian/sabkha sands.

Training: Lecturer on core evaluation, sedimentology and clastic reservoir geology on UK public training courses. Seminars on reservoir modelling in Norway and Libya.

1981 - 85 Reservoir Geologist: Shell E & P, Rijswijk, The Netherlands

Translated geological descriptions into numerical simulation models for planning and implementation of steam and polymer flood tests and applied statistical methods for predicting the distribution of permeability barriers.

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Technical reservoir studies: Evaluated complex Permo-Carboniferous glacial clastic reservoirs in South Oman, involving facies characterisation from cores, dipmeter and other wireline logs; also outcrop study.

Education

PhD Geology (Sedimentology & Economic Geology) Edinburgh University (1981)

BA Geology 1st Class Hons Oxford University (1977)

Publications

Oakman, C, **Martin, J H** & Corbett, P (1997) (eds) *Cores from the NW European Hydrocarbon Province*. Geol. Soc., London.

Martin, J H (1994) **The geological basis of reservoir simulation: principles, problems and practical advice**. Keynote lecture, 5th Internat. Forum on Reservoir Simulation, Muscat.

Stiles, J H, **Martin, J H** & Pyle, G (1994) **Project management techniques to ensure successful reservoir evaluation**. Paper at conference 'Maximising Recoverable Reserves', Aberdeen.

Martin, J H (1993) **Braided fluvial reservoirs: the reservoir engineer's perspective**. In: Best, J, and Bristow, C (eds) *Braided rivers; form process and economic applications*. Spec. Pub. Geol. Soc, 75, 333-368.

Miller, M L B & **Martin, J H** (1993) **Reservoir management**. In: Parker, J R (ed) *Petroleum Geology of N W Europe: Proceedings of the Fourth Conference*. Geol. Soc., 1405-1408.

Also several SPE papers concerning reservoir modeling, and other pre-1990 publications

Training courses

Courses presented in **integrated reservoir studies, project management, reservoir development geology** and **technical writing** from 1990 onwards; see www.jhma-reservoir.com

Other positions

Energy Institute representative: Board of Petroleum Geological Conferences Ltd (2009-present): the joint venture company organising the so-called 'Barbican' conferences on Petroleum Geology of NW Europe.

Member, Programme Committee: SPE Europec; Barcelona 2010 and Vienna 2011.

This is a summary CV: for more specific details contact info@jhma-reservoir.com