

<별첨1> 강사 이력서



5. Tutor CV - Detailed

Mark Thompson

Lurch Oil Consultancy Limited

Profile

A creative explorer/integrator, with over 40 years of global experience in frontier, exploration and appraisal/development. A prolific oil and gas finder with over 5bnboe discovered to date. Areas of expertise include basin analysis, play fairway analysis, prospect evaluation and appraisal. He is an experienced coach and was a senior exploration advisor in BP providing technical audit on its new venture access and on its prospect drill out portfolio for a number of years. Mark left BP at the end of 2014 to set up a consultancy company which delivers training and provides technical help and support.

Main skills

An extensive knowledge of global geology based on:

- International postings in Brazil, Egypt, Indonesia and Norway.
- Evaluating global new ventures over the last decade.

Extensive deep-water expertise especially in salt basins, gained through working:

- South Atlantic (Brazil, Angola) and North Atlantic (Norwegian Margin, Faeroe-Shetlands, North Sea) and NW margin Australia
- Global new venture activities.

Proven prospect generator and new play identification with an outstanding track record of access and discovery of oil and gas resources based on:

- Gas fields onshore and offshore Nile Delta, numerous gas discoveries North Sea and Norwegian Sea (include a 3TCF and a 10TCF fields), 6 discoveries Angola Block 17, 5 discoveries Block 31 (total over 1bnboe).

Strategic thinker with proven record of access to world class acreage:

- Gained access to Indonesian acreage by offering an ALF survey as an alternative to a \$20m signature bonus.
- Negotiated with NPD for access to the northern extension of Ormen Lange Dome in 15th NOCS licencing round. Resulted in a 10TCF gas field.

Experienced coach in integrated petroleum geology:

- Over 30 years of coaching in Egypt, Norway and UK.
- Compiled courses on prospect description and risking for BP and a course on seismic interpretation on proven and emerging passive margin hydrocarbon provinces for Nautilus. Tutor of numerous courses including basin analysis and prospect description and risking and the Nautilus passive margins course noted above.

Qualifications: MA Natural Sciences Cambridge (2:1)



Career History

Lurch Oil Consultation Limited

April 2015 to present

Working with Nautilus Limited advising on their training program, giving a structural course, a new basin analysis course and preparing a new play fairway analysis course. Advising BP on ways to improve their prospect risking processes.

BP August 1977 to December 2014

Exploration Senior Advisor 2012 - 2014

Global senior coach and individual technical contributor based in the Australia Exploration Team (Bight Basin and NW Margin). Identification and evaluation of new access opportunities, and prospect generation and analysis world-wide. Advisor on BP's global basin ranking and access strategy.

Exploration Excellence Team, Sunbury 2007-2011

Senior advisor role involving coaching and technical audit ensuring that all acreage access and prospect work is of a technically high standard. Principal compiler of a course on prospect description and risking. Major contributor on the understanding and impact of stratigraphic traps on the exploration portfolio.

Deepwater consultant, Exploration Renewal Team Sunbury. 2005-2006

Ranking, screening and accessing deep-water new venture opportunities worldwide. Initiated regional assessment of Greater Campos, and worked offshore E India both of which eventually led to major acquisitions.

Technical Leader, Angola Business Unit, Sunbury. 1996-2004

Technical leader for Block 17 resulting in a number of discoveries; senior technical contributor Block 31 resulting in a number of discoveries, leader geoscientist on LNG gas supply.

Team Leader, Norway. 1991-1996

Leader in 2 licence rounds; accessed and discovered several super giant gas fields.

Chief Geologist/New Ventures Team Leader, Indonesia. 1988-1991

Project Leader, NW Shelf of Australia, based in London. 1987

Development Geologist, Aberdeen. 1983-1986

Review Geologist, Egypt. 1980-1982

Well Site Geologist/Review Geologist, Aberdeen and Brazil. 1977-1979

Selected Publications:

- An Airborne Laser Fluoro-sensor survey in selected basins in Indonesia, M.Thompson et al 1991, Indonesia Petroleum Association.
- Play Fairway analysis and risk mapping: an example using the Middle Jurassic Brent Group in the N North Sea, S. Grant et al 1996 spec pub 6.
- Paleozoic to Tertiary rift and basin dynamics; Mid Norway to the Bay of Biscay – a new context for hydrocarbon prospectivity in the deep water frontier, D.G. Roberts et al 1997, Pet Geol of NW Europe 5th conf. Geol Soc London.
- Temperature and maturity effects of magmatic underplating in the Gjallar Ridge, Norwegian Sea, W. Fjeldskaar et al 2003, AAPG/Datapages Discovery Series no 7.
- Understanding the thermal evolution of deep-water continental margins, N. White et al 2004, Nature 20 Nov 2003.



- Evolution of deep-water rifted margins; testing depth dependent extensional models, A. Crosby et al, 2011, Tectonics v30.
- Integrated tectonic basin modelling as an aid to understanding deep-water rifted continental margin structure and location, A. M. Roberts et al 2013, Pet Geol V19.
- A new structural analysis of the Browse Basin, Australian NW Margin, S Lawrence et al 2014, APPEA J