“Please try to stay awake during the tax part - I think you might, in fact, find it interesting,” was TAQA Development Manager Rob Kuyper’s jovial comment to his SPE Aberdeen audience at the outset of his presentation, ‘Cormorant East, UKCS record for oil field development: 85 days from discovery to first oil.’ It was good advice, as it soon became clear that an innovative approach to taxation, involving close working between the operator, its partners and DECC, turned out to be one of the key enablers to the new North Sea field’s rapid development.

First, however, Rob introduced the Contender prospect (now known as the Cormorant East field), whose location, in block 211/22a, lies just outside TAQA’s own North Cormorant equity block, 211/21a. He explained that the prospect was too small to justify development in its own right by the original Contender partners. Given the proximity of the North Cormorant infrastructure, a ‘win-win’ development solution to this initial challenge was devised between TAQA and the Contender partners, whereby TAQA would drill a long-reach well from North Cormorant.

(Cont’d on page 4)
A Fresh Perspective is led by SPE Aberdeen’s Another Perspective gender diversity group and shares inspirational career stories from women in the UK oil and gas industry.

Name: Maria Isabel Trujillo Vergara
Qualifications: MSc Energy Engineering - Polytechnic of Turin
Bsc Petroleum Engineering - Central University of Venezuela
Employer: ConocoPhillips

Why did you choose engineering as a career?
At school I was particularly interested in science and mathematics - probably motivated by the fact that my mother was an engineer and a very good tutor and role model. Also, I have always been amazed by how technology continuously evolves and how what we, as professionals, need to keep up-to-date with our knowledge and procedures, which makes such a career challenging and rewarding.

Have you always been interested in the oil and gas industry? What’s the attraction?
A defining moment that made me choose petroleum engineering as a career was my grade 8 Earth Sciences project to build a derrick: my father helped me design a mechanism to pump oil (black water) to the surface. Also, coming from Venezuela - one of the world’s biggest oil producers, where the energy industry is at the heart of economic activity - I was always very well-informed about the industry and the career opportunities it could give me.

Tell us about your current role
As a Reservoir Engineer for ConocoPhillips’ Southern North Sea business unit, my role is to bring new opportunities to the business portfolio and to make sure we deliver our target base production. I work with a multi-discipline and strong technical team, from which I am learning every day.

What has your employer/SPE given you and what do you think you can give back?
My employer has supported me in delivering my projects and gaining exposure to different areas of the business, completing my current studies in MSc Petroleum Engineering at Heriot-Watt University, and taking forward two SPE projects: ‘The Energy Apprentice’ and ‘The leadership journey: unleashing the potential of your career’ Seminar (see page 6).

Thanks to this, my technical skills are developing and I believe I am becoming an engineer who can deliver good opportunities to the business and help the company grow organically. Also, I have raised the company’s profile through my involvement in SPE activities and in delivering technical presentations at Robert Gordon and Aberdeen Universities.

What are your thoughts on working in a male-dominated industry?
I think you need to be yourself, trust in your abilities, be focused on delivering a high-quality job, be open to constructive criticism and work well as part of a team. The energy sector is male-dominated simply because a career in STEM (science, technology, engineering and mathematics) has not traditionally been a woman’s first option and therefore at the time of entering the workforce, the likely majority of individuals would have been male-dominated.

What’s your advice to young professionals?
• Find a mentor in your own organisation or in SPE
• With their help, create a clear and flexible plan, so that you know where you want to go and what to do to get there
• Attend events that help you network and develop professionally
• Be focused in delivering your projects on time and to high standards
• Be smart in managing your time; always find time for your personal growth, which will help you to relax and stay focused.
Edinburgh

A ‘Sand Special Night’ featuring two expert presentations, is the format for the SPE evening meeting in Edinburgh, on Tuesday 9 April (6.30-8.30pm), at Innovative Engineering Systems (IESL), 23/2 Mitchell Street, Edinburgh EH6 7BD.

‘Best practices in sand control completions’ start from understanding the rock mechanics, all the way through to starting up first production. Many of these are illustrated in this presentation, by Ian Wattie, of Yala Peak Limited, which gives examples from a recent development which he supported from defining the laboratory testing to guiding the offshore completion and clean-up operations.

Ian, a Chartered Engineer, has worked for over 35 years in the offshore oil and gas production industry. He has completed assignments in well completions, projects, production, reservoir and development engineering in the UK, Dubai, Vietnam and Norway. Leadership roles have included engineering, onshore support for operations and maintenance, technology development, health and safety legislation, and well teams. He is presently a Well Completion Consulting Engineer at Yala Peak Limited, having retired from ConocoPhillips in 2010.

Chris Reed, of Senergy, will present ‘Non-destructive strength index testing applications for sand failure evaluation’. Definitive rock strength data for sand failure evaluation are normally only available from tests on core plugs, but plug coverage is limited and core condition and geometry may preclude taking plugs for conventional strength tests. This brief presentation will demonstrate a non-destructive core strength index tester that is portable, easy to use and cost effective.

Chris, a Petrophysicist and geomechanics specialist within Senergy’s Formation Integrity team, has a BEng in Chemical Engineering and four years’ industry experience. He has worked on numerous geomechanical aspects of fields located in the UK, Norway, Africa, Middle East and Western Australia, and has experience in in geomechanical modelling, wellbore stability, sand failure, and particle size analysis for sand control selection.

Aberdeen

Colin Smith, of Maxoil Solutions Ltd, will present ‘Integration of flow assurance & production chemistry benefits all: fact or fiction?’ at the SPE Aberdeen evening meeting, on 24 April (6.30-8.30pm), at the Douglas Hotel.

The talk will explore the relationship between the two technical disciplines of production chemistry and flow assurance engineering and how their integration can benefit development projects that are between the stages of Concept Select and Define (FEED). This will be illustrated by using actual project examples of how such integration can be used to successfully tackle the various flow assurance challenges by fit for purpose system design, by early preparation of correct operational practices and by suitably designed chemical management systems.

Colin, a Senior Process Chemistry Consultant, has 25 years’ experience in the oil and gas industry, encompassing many aspects of production chemistry management within field operations. He initially worked in the scale, wax, hydrates and asphaltene laboratories of the BP Research Centre, Sunbury, followed by on-site and desktop technical troubleshooting at various oilfield consultancies up to the present time, with Maxoil. Colin has been embedded within development project design teams and travelled extensively, solving flow assurance problems for over 50 operating companies globally.

Bookings for Edinburgh and Aberdeen meetings: www.roderandco.com; tel: 01224 495051; spe@roderandco.com
Further information at: www.spe-uk.org

London

On 30 April, at the Geological Society, Piccadilly, Mike Benefiel, of Chevron, will deliver the SPE London evening meeting pre-dinner presentation, on ‘Decision Risk Analysis’.

Following the networking buffet, Jean-Valery Garcia, of Kirk Petrophysics, will present ‘Heavy oil: identification and exploitation’, introducing a core analytical technique developed as a rapid and economical oil recovery tool. The innovative automated multi-sample solvent extraction technique is capable of quantifying and isolating petroleum products from any core sample. Kirk’s study demonstrated a time saving of more than 10 times that of the Dean Stark, more accurate than the Centrifuge, less work than the Distillation and less costly than the HNMR, with the possibility of recovering the eluted oil.

Kirk Petrophysics, a member of Reservoir Group, specialises in wellsite core handling and analytical services and storage, with a state-of-the-art Core Centre in Guildford. A leader in the core handling market, the company has gained further momentum in core analysis and extended its range of services to offer a complete formation evaluation solution from rig to rack.

Jean-Valery (JV) has a degree in Physical Measurement and has been working in the oil and gas industry since 1998, with a focus on coring. Since joining Kirk Petrophysics in 2003, JV has been growing with the company and has been involved in its development from a single service offering at the wellsite on core stabilisation, to the full range of wellsite and advanced laboratory services.

Before dinner: 5-6.30pm
Dinner: 6.30-7.30pm
After dinner: 7.30-9pm
Booking: www.katemcmillan.co.uk; tel: 07736 070066; katespe@aol.com
Cost: £34 for SPE/PESGB/EI members, £44 non-members, £19 unemployed members, £5 students booking by Friday 26 April (£19 after).

A VALUABLE OPPORTUNITY TO SEE FLUID ANALYSIS IN ACTION (continued from page 1)

Afterwards, the attendees were taken to the Crowne Plaza Hotel, where Keith, Sue and Neil delivered enlightening presentations on the ‘The value of fluids data routine report QA checks’, which covered topics such as fluid variation across the field, fluid property data, and miscibility and swelling studies for EOR. This was followed by a Q&A session.

The YP Committee received a lot of positive feedback following the event and, on behalf of all who participated, we would like to thank Keith, Sue and Neil and all of the Expro Laboratory staff for organising this interesting and very educational event!

“It was very interesting to know the uncertainties involved in fluid PVT measurements used for well test interpretation and reservoir characterisation.” Tope Ajentunmobi

“We in SPE Salford Chapter really commend the SPE YP London Committee for organising such a marvellous trip and hope that more of these will be organised in the near future.” Muhammed Salihu, Salford University Student

Different types of oil analysed in the laboratory
An ‘up close and personal’ exploration of leadership and its myriad forms and challenges proved an inspirational experience for the 87 oil and gas professionals who attended a one-day seminar organised by SPE Aberdeen’s Another Perspective (AP) Committee, in association with the Energy Institute.

‘The leadership journey: unleashing the potential in your career’ - an interactive career development event celebrating diversity and inclusion within the leadership context - was held at the Aberdeen Exhibition and Conference Centre, on 6 March.

The packed programme featured panel interviews, presentations and a world café workshop session, providing a variety of personal perspectives on leadership from senior management, academia and overseas, as well as discussions on cultural issues, good communication and achieving success against the odds.

“The seminar was all about how to become a better leader and we discussed lots of examples of good leadership and not-so-good leadership,” says outgoing AP Chair Maria Trujillo. “We also wanted to highlight and recognise the differences in leadership styles, including gender differences. Our third objective was to provide a networking opportunity, and people really made the effort to get to know new faces and exchange ideas. While there is always room for improvement, the excellent feedback told us that it was a very successful event, and I very much hope that Another Perspective and the Energy Institute can make this kind of seminar a regular feature in the oil and gas calendar.”

“The Energy Institute was delighted to team up again with the SPE to host what proved to be another very successful event, with some really interesting and diverse speakers. There was plenty of buzz and atmosphere, with some differing points of view and dialogue. All told, it was a very thought-provoking day.” Nigel Bradburn, Vice Chair, Membership & Professional Development Coordinator, Energy Institute, Aberdeen Highlands and Islands

Inspirational seminar explores leadership differences

“Rob concluded with a reminder of the three key takeaways from his talk:

‘The seminar covered a topic very dear to me: leadership and potential. We can all become leaders if we know what the pre-requisites of a true leader are: what empowers and what weakens a leader. The event was inspirational - I met some amazing professionals and heard a series of heart-breaking though inspiring stories which proved the speakers had succeeded in the leadership journey, defying the principles of ‘human logic’. The gender barriers still prevalent in many parts of the world seemed to lose their strength here and I was happy to see that leadership was no longer assigned to one gender or another. It is a special quality which we are either born with or which we refine in time.” Ella Minty, Communication & Cultural Diversity Expert

“The panel sessions and café concept workshops added delegate participation to create a dynamic aspect to the event. The whole day motivated me to have bigger career aspirations and provided helpful advice to enable me to achieve this. It would have been good to have had more time to network during breaks, however due to the packed agenda of interesting topics, the time available for networking was minimised. I hope that this event is continued in future as I would definitely attend the next one.” Lisa Mott, Chevron, AP Committee Member

“To be asked to speak at the SPE event was indeed a real privilege. It is vital that business leaders play a part in helping young people in their chosen career path. My presentation, ‘Success at all Costs’, included ‘the good, the bad and the ugly’, as people often forget there’s a lot of hard work involved in running a business in the oil and gas sector, particularly if you’re a female trying to penetrate the different disciplines and domains and juggle family life. The challenge for me was not only the O&G sector but also working in the male-dominated technology sector! I’ve received some really nice emails and thank-you cards saying how much motivation and encouragement people took from the fact that I’d spoken from the heart and some of my male colleagues in the audience told me that they hadn’t realised my career path had been quite so tough. I was once told to measure your success by what you had to give up in order to achieve it; my reply to that is: I am still giving.” Jeanette Forbes, CEO, PCL Group

ROB SHARES TAQA’S TAKE ON TAX ‘WIN-WIN’ SCENARIOS

(continued from front page)

After explaining that his talk would focus on the fiscal and commercial elements of field development, rather than the technical, Rob presented his promised ‘tax intermezzo’ (see table opposite) to a very wide-awake audience. The second challenge of high expense involved in drilling the long-reach Contender well was overcome by extending the North Cormorant field boundary to include Contender, thereby qualifying TAQA to obtain PRT relief on drilling the Contender well. Without this type of tax relief, Rob said, Contender exploration would not have been economically attractive.

The third challenge was another case of economics: with Contender’s small volume and chance of success at less than 50%, development would remain unattractive if the discovered oil volumes would remain within the PRT-paying area of the North Cormorant field. The solution was to carve out the discovered new field using ‘redetermination of oil field boundaries on economic grounds’, which delivered exemption from PRT and qualification for a Small Field Allowance.

Rob stressed that DECC’s valuable support in these areas and the agency’s early involvement in the review of the Field Development Plan before discovery, were points of view and dialogue. All told, it was a very thought-provoking day.

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“Ella Minty, Communication & Cultural Diversity Expert

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Jeanette Forbes, CEO, PCL Group

You can download a copy of Rob’s presentation from the Aberdeen Events Past Presentations section at: www.spe-uk.org

SPE Aberdeen’s monthly meetings programme is kindly sponsored by Archer and Shell.

‘Tax intermezzo’

Corporation tax on profits: 62% TAX

• 30% Corporation Tax (CT)
• 32% Supplementary Charge (SCT)

Can be reduced by allowances: Small Field Allowance (SFA), Brownfield Allowance* (BFA)

Petroleum Revenue Tax (PRT)

• Additional 50% tax on remaining profit on top of CT
• Field-based tax, for fields with development consent pre-16 March 1993 (North Cormorant is a PRT-paying field)

Effective tax rate with CT+SCT+PRT: 81% TAX

Options to help economically marginal developments such as Contender

Option 1: Small Field Allowance

- For new fields with FDP reserves below approx 40-50mstb oil
- Up to £150m allowance on SCT (so 32% x £150m = £48m less tax), to be earned through production revenue

Option 2: ‘Redetermination of oil field boundaries on economic grounds’

- Carve-out part of a PRT-paying field, if development is commercially difficult
- Allows an unexploited part of a previously determined PRT-labile field to be a new, separate field

*Brownfield Allowance was introduced 7 September 2012

https://www.gov.uk/oil-and-gas-taxation
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WE MEAN ENERGY
SPE YP London Technical Crossword

Here's a great opportunity to test your technical knowledge and win a prize!

This new monthly feature is brought to you by SPE London’s Young Professionals Committee and is kindly sponsored by Senergy.

This month’s prize, courtesy of SPE London Continuing Education Committee, is a FREE place at the Regional Focus Seminar, to be held in London on 25 April 2013 (more details on p10).

To enter, please email your answers, name and contact details to: speypcrossword@gmail.com before the closing date of Monday 15 April. The first correct entry chosen at random will win the prize. The answers and winner’s name will be published in the May SPE Review. Good luck!

Across
1. Organic compounds consisting entirely of hydrogen and carbon (12)
2. A vessel used to store liquids (4)
3. A device used in sand control applications to support the gravel pack (6)
4. Abbreviation used to describe in percentage the probability of discovering hydrocarbons (3)
5. A chemical element with atomic number 26 (4)
6. A___scope is a device used for measuring orientation (4)
7. Secondary recovery technique in which water is injected into reservoir is called water____ (5)
8. A gas that is injected into reservoir to increase oil recovery (8)
9. A type of clay mineral that forms thorough weathering of felspar and mica group minerals (9)
10. The largest offshore oilfield in the world (8)
11. An intrusive rock that invades preexisting rocks (4)

Down
1. A reservoir deemed not to be homogeneous (13)
2. Mass divided by volume (7)
3. Steel pipe cemented in place to stabilize the wellbore (6)
4. A process that relieves pressure from a vessel (8)
5. A surface that separates overlying sedimentary rock from igneous or metamorphic rocks (13)
6. Transient flow is also known _____ state flow (8)
7. Oil reserves are usually reported in ____ tank oil barrels (5)
8. Abbreviation used to describe the concentration of organic material in source rocks (3)

A report on Will Holland’s March after-dinner presentation - ‘Attracting finance - traps for old, and young players,’ will feature in next month’s issue.

Both presentations can be downloaded from the new SPE London website at: http://london.spe.org/Resources/Downloads
You know a great opportunity when you see one, and you have the talent and foresight to take it.

With a career in Petroleum Engineering & Development at Saudi Aramco, a global leader in the energy industry, you’ll benefit from unrivalled exposure to the latest technologies and the support of a respected professional peer group. Your impressive background and critical thinking will help us exploit the world’s largest known oil reserves. So the opportunities to innovate are endless. We have the model for generations of sustainable energy. But it all begins with a huge investment in your expertise. The limits to what you achieve are up to you. Learn more about the amazing rewards, lifestyle and benefits that come with a career at Saudi Aramco.

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DEVEK 2013 - 10th European Production and Development Conference:

‘Maximising our diverse resources’
15 & 16 May, Aberdeen Exhibition and Conference Centre

“Organised jointly by SPE, PESGB, AFES and DECC, DEVEK offers tremendous value, a first-rate technical experience and a great opportunity to hear the latest industry opinions. This year’s stimulating programme will feature 44 high-quality presentations and 20 posters from a range of disciplines,” says Conference Chair Rebecca Nye, of Weatherford.

This year at DEVEK 2013, the Young Professionals from SPE Aberdeen, PESGB Aberdeen, AFES and the Energy Institute will be holding a panel discussion, ‘Is Your Future in Energy?’, chaired by Ross Taylor of SPE YP Aberdeen. A panel of leading industry professionals and local government representatives will answer your questions and give their views on the future of the industry, in Aberdeen and globally. To make the event more interactive, each member of the audience will be given a voting pad and asked a series of questions by the panelists. The YPs will also be running a stand, where there will be an opportunity to win a cash prize.

See DEVEK 2013 programme insert for more details.

Booking: www.devek-conference.org

More SPE YP Aberdeen dates for the diary

Upstream social networking event - Thursday 11 April, from 7pm
This event is open to all Upstream industry professionals wishing to join the SPE Aberdeen Young Professionals for relaxing after-work drinks at the Carmelite Bar, Carmelite Hotel, Stirling Street, Aberdeen. One complimentary drink offered!

Contact: Ross Taylor at: r.taylor@balmoral.co.uk

Subsea Technology Presentation heads-up

In next month’s SPE Review, the YP Committee will announce a Subsea Technology presentation, to be held in May. The Committee meanwhile welcomes any questions and participation from all professionals who would like to have an active involvement in the event.

Contact: George Grangeon at: george.grangeon@subse7a.com.
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Industry Considerations in High Risk Areas

Following recent high profile cases of piracy, terrorist attacks and kidnapping, there has never been a more critical time for companies to ensure the safety of their staff and assets in high risk areas. This seminar will bring together experts in the fields of piracy, corruption, HSE and security. Speakers will also discuss their experience of operating in high risk regions, such as Nigeria, East Africa and Egypt.

William Libby - Director, Key Accounts - Control Risks
‘Enabling Success in Post-Conflict Situations, Risks of Regulatory or Government Interference, Fraud, Corruption and Criminality’

Rupert Cutler - Managing Director of insurance broker Newman Martin and Buchan LLP’s Financial and Political Risk Division
‘Risk Transfer in High Risk Areas – Level of Coverage Obtained from Insurance Markets for Blowouts, Expropriation, Confiscation, Strikes, Riots and War’

Francesco Verre – Asset Manager - Petrofac
‘Challenges of Managing Operations in Nigeria & Egypt’

Carlos Edwards MBE - Director and General Manager - Salama Fikira
‘Security Challenges in the East African Region - Responses and Considerations from an Oil & Gas Perspective’

Eric Oudenot - Principal - The Boston Consulting Group
‘A Strategic Approach to Stakeholder Management in High Risk Areas’

Tom Brind - Offshore Projects - Solace Global Maritime
‘Mitigating the Risk of Piracy and High Threat Maritime Operations, Safeguarding People, Assets and Operations’

Panel Session: ‘Conflict and Negotiation’
Moderated by Ella Minty - Communication Expert (Crisis, Issues, Strategy and Culture Change)

8.30-9.15am Registration & Coffee Welcome
Session 1 – Keynote Speakers
Iman Hill – General Manager, Technical and Operational Services, Sasol
Oonagh Werngren – Operations Director, Oil & Gas UK
Sarah Cook – Project Director, Fluor Limited
Morning Coffee Break
Session 2 – Panel Discussion
Hamish Wilson – Technical Director, SLR Consulting

1.00-2.00pm Lunch
Session 3 – Choice of 5 workshops
Deirdre O’Donnell – MD/Owner, Working Smart

3.30-5.20pm Session 4 – Choice of 5 workshops
Wrap Up and Networking Drinks Reception

London Geological Society
£220 member
£250 non-member
£35 student

7th Annual Women in Energy Seminar
Celebrate the differences - the unique qualities women bring to the workplace

Venue: London South Bank University
Tickets: £40 member
£50 non-member
£5 student
10% discount on group booking for six or more

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BOOKINGS & SPONSORSHIP Kate McMillan (katespe@aol.com)
Reducing Subsurface Uncertainty & Risk Through Field-Based Studies

The Value of Outcrops and Analogues in Hydrocarbon Exploration, Development and Production Implications for Global Exploration and Production

4-8 March 2014 (Field Trip 7-8 March)
The Geological Society, Burlington House, Piccadilly, London

This meeting will provide a timely revisit and reappraisal of the value and impact of outcrop-based fieldwork in hydrocarbon exploration, appraisal, development and production. In recent years we have seen a refreshed focus on frontier exploration, in increasingly difficult settings, and the challenges of new developments such as deepwater clastics and carbonates. This has led to a resurgence in the appreciation, use and need for outcrop-based studies as analogues and benchmarks for the subsurface. This applies both to the overburden and the reservoir, digital techniques such as remote sensing and digital data capture have revolutionised fieldstudies, however traditional methods (e.g. mapping, logging and sampling) remain at the very core of any field study.

This meeting offers an exciting opportunity for key researchers and users of these datasets to come together, share their recent advances and swap knowledge to graduate students and early career geoscientists.

Themes:
- Exploration: Reconnaissance-scale fieldwork
- Structural Analogues – regional to reservoir scale
- Applications to Reservoir and Field Appraisal, Development and Production – Outcrop-scale Fieldwork
- Clastics
- Carbonates
- Unconventional Resources
- Health, Safety & the Environment and field studies
- Looking to the Future

Call for Abstracts – Deadline 30 September 2013

For more information or to submit an abstract please contact: Steve Whalley, The Geological Society, Burlington House, Piccadilly, London W1J 0BG. T: 020 7434 9944 F: 020 7494 0579

Corporate Supporter:

Karina Mortensen, Senior Engineer

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SEARCH DEEPER, REACH FURTHER.
The conference programme is designed to give insight into the principles of oil and gas taxation; impact of government policies, fiscal framework and global market trends on investment decisions; portfolio analysis and management; drivers of asset and corporate acquisitions and mergers; M&A trends, financing strategies under constraint market conditions; legal due diligence, operational and other challenges in emerging markets; opportunities and challenges in two major West African countries - Nigeria and Angola.

**Why should you attend?**
This conference includes topics and themes carefully selected to be of interest to a unique mix of technical, commercial and financial professionals active in the oil and gas sector. You will learn from speakers who are oil and gas sector experts working in oil and gas companies, financial institutions and research and strategy companies.

As a delegate, you will gain insight into technical, commercial, financial and market considerations in portfolio management; challenges encountered in the reservoir characterization and exploitation of HPHT reservoirs; and assessment and booking of unconventional resources and reserves such as shale gas.

**Conference speakers include:**
- Dr Mike Watts, Deputy CEO, Cairn Energy
- Didier Holleaux, CEO, GDF Suez E&P
- Galib Virani, Associate Director, Afren
- Majid Shafiq, Managing Director, Corporate Finance, First Energy Capital
- Neil Gilmour, VP Integrated Gas Development, Shell
- Rob Leonard, Business Development Director, AMEC
- Mark Tandy, Commercial and Exploration Director, TAOA Bratani
- Gareth Burns, Senior VP, Strategy and Business Development, Exploration, Statoil
- Simon Toole, Director, Licensing, Exploration & Development, DECC
- Martin Copeland, Managing Director – Oil and Gas, Evercore Partners
- Saad Rahim, Chief Market Economist, BG Group
- Nick Cooper, CEO, Ophir Energy
- Robert Hodges, Tax Director, Ernst & Young
- Sarah Wharry, Corporate Finance, RFC Ambrian
- Eric Oudenot, Principal, BCG

**Who should attend?**
The conference will be invaluable for professionals working in the oil and gas sector within:
- Exploration and Development
- Asset management
- Portfolio analysis and management
- Planning and commercial
- Finance and investment
- Equity research
- Mergers and Acquisitions

**Gala Dinner**
23 May 2013, Claridge’s, London
with guest speaker Jeremy Vine
The legendary Ballroom at Claridge’s provides the prestigious venue for this year’s Gala Dinner. Places can be booked separately or combined with your delegate place. Individual places or tables of ten are available.

**Conference partner**

**Day 1**
- Full day conference
- Parallel interactive sessions on HPHT Reservoirs
- Evening exhibition and networking reception

**Day 2**
- Full day conference
- Parallel interactive sessions on Estimating Reserves and Resources

**Thanks to our sponsors**

**To Book**
Book online at www.spelondonconference.com