

TRACS  
INTERNATIONAL



**Reservoir  
Consultancy  
and Training**  
to the oil and gas industry





At TRACS we understand that 'one size fits nobody' which is why we are proud to break the mould and create bespoke solutions to unique problems. We deliver quality and innovative solutions to exploration and development challenges and offer tailored training that embraces experiential learning. TRACS has carried out over 200 reservoir studies in 5 years and delivered more than 150 technical and commercial training courses per annum in over 20 countries. This reaffirms our position as one of the most experienced and respected providers of reservoir management services and training in the business.

Jill Prabucki - General Manager, TRACS International





# TRACS International

TRACS provides reservoir consultancy services and training to the upstream oil and gas industry.

TRACS International Ltd (TRACS) was founded in 1992 to provide training and consultancy services to the upstream oil and gas industry. TRACS is based in Aberdeen and has a presence in the Middle East. In 2008 the company was acquired by the AGR Group and became part of its Reservoir Management division. In April 2019, TRACS International left the AGR Group and became an independent company once more.

Our track record covers the following:

- Over 200 reservoir studies in the last five years
- Over 100 CPRs and valuations in the last five years
- Delivering more than 150 technical and commercial training courses in more than 20 countries for over 2,000 participants per annum
- Authors of best-selling energy publications and technical papers

## Reservoir Management

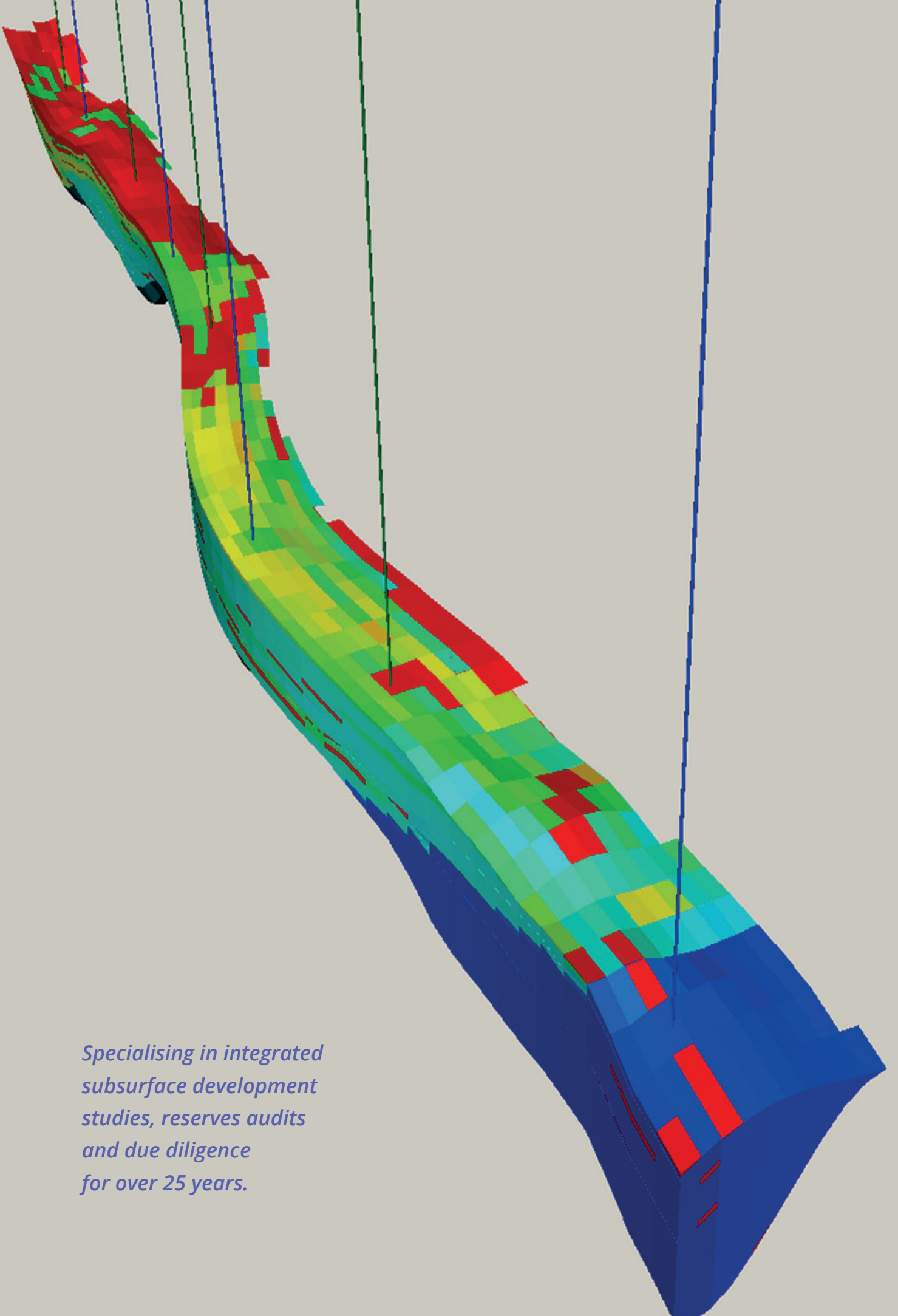
TRACS provides independent reservoir management advice to oil companies, small and medium operators and investment groups. Our activities include Field Development Studies, TRACS Evaluations (A&D support), Exploration, Geomechanics, Production Technology, and CCS and Unconventionals. From basin opening exploration opportunities to mature and complex producing asset portfolios, we are active across the entire E&P landscape. Through their extensive experience, our multi-disciplinary teams have developed innovative tools and techniques to evaluate mature assets and portfolios.

## Training

TRACS Training tailors content to specific client needs allowing us to deliver courses and programmes that are superior to the standard offering in the market place. The TRACS Training style embraces experiential learning and interactive delivery enabling us to offer distinct learning and development programmed globally.



*Breaking the mould:  
Bespoke solutions to  
unique problems*



*Specialising in integrated  
subsurface development  
studies, reserves audits  
and due diligence  
for over 25 years.*





# Reservoir Consultancy

## Quality. Innovation. Experience.

TRACS's Reservoir Consultancy is a leading UK based oil and gas consultancy specialising in integrated subsurface development studies, reserves audits and due diligence for over 25 years. Our multi-disciplinary teams provide innovative solutions, covering all aspects of the E&P lifecycle across the major hydrocarbon basins. Our experienced technical and commercial specialists deliver high quality services to oil companies, investors and financial institutions worldwide.

Our team consists of technical and commercial specialists with extensive experience in subsurface analysis and commercial evaluations. These teams can be supplemented by drilling engineers and facilities engineers to provide a broader discipline range. We have worked in all major petroleum provinces across a range of conventional and unconventional reservoirs. We have a successful track record in commercial evaluations to support mergers, acquisitions and divestment activities.

Our team's core strength is its holistic approach to each project and its ability to combine subsurface knowledge with risk management experience to bring greater depth and value to our clients' projects.

Novel approaches, creative solutions and customised methodologies give our clients innovative solutions where traditional ones falter.

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### Our activities include:

- Field Development Studies: providing support for field development decisions
- TRACS Evaluations: supporting A&D and other commercial activities
- Exploration: from frontier to near field, exploring all avenues
- Geomechanics: bespoke support from wellbore to reservoir scale
- Production Technology: optimising engineering solutions to complex well problems
- CCS and Unconventionals: new challenges, new ideas

# TRACS Evaluations

## Quality. Innovation. Experience

TRACS Evaluations provide a range of confidential services to support commercial activities at all stages of the E&P life cycle. Our experience spans 20 years and covers the full spectrum from single asset to complex portfolios.

TRACS provides valuations for private and national oil companies, government organisations and financial institutions. We recognise that each evaluation and client is different, therefore, we tailor our teams to match the needs of the project and the client. Our TRACS Evaluations teams consist of commercial and technical specialists with extensive experience in subsurface analysis, reserves auditing, commercial evaluations and business consultancy.

Our CPRs have been used to support listings on stock exchanges, private equity funding and to support A&D. We evaluate single assets or portfolios and will highlight technical and non-technical risks as well as commercial and strategic opportunities. We also deliver Independent Engineer Reports as part of the Due Diligence process for reserves-based lending.

TRACS Evaluations offer reserves audits and certifications prepared in accordance with international standards. We are able to review and develop reserves reporting guidelines for oil companies and national regulatory bodies. Within the framework of our reserves auditing capabilities, we also deliver Abandonment Security Provisions and Reserves Progression planning.

An asset and client focussed approach plus the use of innovative tools helps us to estimate a full value range for an asset or portfolio. These techniques can be tuned to address specific issues, such as risk and uncertainty which allows the threats and opportunities to be articulated clearly and, where possible, quantified. We also provide independent advice to buyers and brokers on less tangible aspects such as operator competence, partner issues and other opportunities within the geographic region.

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### Our services include:

- Competent Person's Reports
- Acquisitions and Divestments
- Independent Engineer Reports
- Reserves Audits
- Business Consultancy



*Supporting Acquisitions  
and Divestments and  
other commercial  
activities.*





# TRACS Training

## Training on six continents.

At TRACS Training we believe a successful learning event requires more than the simple presentation of information. Long-lasting learning calls upon the delegate group to engage with enthusiasm and for the tutors to deliver inspirational events which allow a chance to think, discuss and debate.

Experiential learning is therefore core to our events, with tutors motivated not only to pass on knowledge and skills, but to pass on their enthusiasm for the business, their passion for their subject and their experiences from their daily work as practising technical professionals in the E&P business.

*We believe the success of a course is ultimately determined not only by good delivery but also by tailored design.*

*Our training courses are distinguishable from the industry standard by being tailored to the specific needs of a client audience.*

TRACS Training was founded in 1992 specifically to offer tailored training events to the E&P business. Rather than running open course programmes, courses are designed individually for clients, tailored to their needs and delivered at a location of their choosing, usually in-country.

The tutor pool is made up of 40 individuals who are actively engaged in E&P consultancy work worldwide. In this way course material is kept up-to-date and relevant to contemporary skills needs in the industry. The tutor group includes published authors, SPE and EAGE Distinguished Lecturers and technical leaders in their respective disciplines. Most have worked with major oil companies, some in senior technical and management roles.

Since 1992 courses covering the full spectrum of E&P activities from the reservoir to the point of sale have been delivered to clients on every continent.

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### The TRACS Training approach:

- Constantly evolving course content to meet the needs of a changing industry
- Course materials are custom-developed
- The right training provided by the right tutors
- The structure of the programme is adapted to fit the client's needs
- The courses combine classroom-based learning with practical application.



### CAPABILITY FRAMEWORKS

TRACS Training consultants have been involved in building capability frameworks for BP (UK commercial), Shell (SE Asia and central training centre) and Hess.

### INTEGRATED EVENTS

TRACS Training specialises in designed and running integrated events, especially for early career, 'on-boarding' groups, notably for Petronas (Malaysia), BP (globally), Shell, ADNOC (Abu Dhabi), OMV (globally) and Wintershall (Germany). We have also run mid-career technical integration events (e.g. BP, PDO, Shell and YPF Argentina) and later career events for senior management (e.g. BP, Hess).

### SPECIALIST EVENTS

We run a selection of specialist courses in areas matching the expertise of our tutor pool. These range from exploration, through the petroleum and well engineering disciplines to surface facilities design and commercial evaluation. We have 50 courses currently available 'off the shelf', with an offer to develop more on request.

### BLENDED LEARNING

We maintain a dedicated TRACS Training server for delivery of eProducts which we design in liaison with software programmers. Products range from a simple on-line quiz to more advanced group studies and the portal will provide the platform for our newest product - interactive any-time learning, 'TRACS 247'. Our main clients are BP and PDO.

*More than 30,000 people  
have taken part in TRACS  
Training courses.*



# TRACS Training Series

Our material is divided into several Training Series, with each Series having a distinct character and typical course groupings. New courses, tailored to client's requests, can be offered within any of these Series.



## EARLY DEVELOPMENT (Graduate Onboarding)

The Early Development Series is designed for groups of new entrants to the industry, such as graduate intake. The courses are typically multi-disciplinary in content and audience and may extend to complete course programmes. The courses typically include a team-building component.



## EXPLORATION AND PRODUCTION OVERVIEW

The E&P Overview Series is aimed at those audiences, often non-technical, looking for a succinct summary of the E&P business. The courses are typically short (one-to-three days) but can range in duration from just one hour to one week.



## RESERVOIR

The Reservoir Series includes the technical subsurface courses from geophysics through to geology, petrophysics and reservoir engineering. These can be given as courses for 'other disciplines' as well as introductory-level courses within-discipline.

## WELLS

The Wells Series includes the wells-based technical courses from completion design through to introductory drilling and well planning. These are offered for non-wells disciplines in addition to drilling and completions staff.

## BUSINESS AND RISK

The Business and Risk Series embraces the non-technical business courses such as petroleum economics and risk analysis, strategy and planning. These have been run both as traditional classroom courses and as workshop-style programmes, often for large groups (50+).

## OPEN AIR

The Open Air Series takes training events to outdoor locations. It combines classroom teaching with sessions on rock outcrops which serve as reservoir analogues. The teaching is pitched at multi-disciplinary audiences as well as geoscience groups. Most courses from other Series can be offered in this format.

## MASTER CLASS

The Master Class Series gathers a set of specialist courses for experienced staff. The courses are industry leading and tutored by individuals who are at the forefront of their respective disciplines. These are offered both as lecture-based or workshop-style training courses.

## COACHING

The Coaching Series was designed to address the needs of individuals or teams for direct coaching involving material from any of the Series described above. These are truly tailored events and have been run as one-off courses or as a set of short sessions.

## e-PRODUCTS

We take a broad view on 'blending' and see this as going beyond traditional e-Learning packages and view blending as a multi-stranded approach to training, working from experiential learning principles, embracing Open Air™ and utilising a range of e-Products. Any of these can be combined as optional components of a TRACS Training event.





*"The highest form of  
human excellence is to  
question oneself and  
others."*

*Socrates*





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