



## Synopsis

A petroleum engineer with over 20 years of international experience in the oil and gas industry, with Schlumberger, Shell International and as an independent Petroleum Engineering Consultant.

Broad industry experience, with particular technical expertise in petrophysics, data management, operations, and integrated team work. Technical trainer delivering practical and experiential training.

Frequently described as a keen team-player, a neat and thorough documenter, hard working, tenacious, creative, adaptable, resourceful, decisive, practical and pragmatic, with a pleasant personality.

Seeking work on high-value technical projects, to contribute my energy and experience to the business and the industry while continuing my personal development.

## Professional Experience

### **Jun. 2012 - present - Well Data Quality Assurance Pty. Ltd., Perth, Australia** **Senior Consultant**

- Founded and developing a consultancy specializing in maximizing the value of well data.
- Significant 2013-14 consulting work: well data audit for Oil Search; business development with Spectrum Data; well data acquisition contract reviews for several operators in Australia.
- Delivering internationally since 2013 an original course on “Well Data Acquisition and Quality Control”. Holding exclusive license to deliver Philippe Theys’s course on Log Data Quality.

### **Jul. 2005 - present - Meranti Consulting Services Pty. Ltd., Perth, Australia** **Senior Consultant and Petrophysicist**

- As per description just below (of Feb. 2001 - Jun. 2005), but without administrative responsibilities.
- Significant 2013-14 consulting work: operations and field studies for AWE (onshore Australia), data room for TEPCO (offshore Australia), operational advice for Newfield (offshore East Malaysia), studies for Horizon Oil (Papua New Guinea), operations for Total-Australia (Browse Basin).
- Delivering internationally since 2013 Dr. Gene Ballay’s course on Carbonate Petrophysics under exclusive international license. Delivered training under a number of umbrellas including Nautilus.
- Aug 2012 – present: consulting Petrophysicist to Total Australia, studies and operations (Browse Basin and exploration prospects).
- Nov 2011 – Jun 2012: advisor to PETROCI Holding, Côte d’Ivoire (Ivory Coast) NOC. Delivered a 5-week Petrophysics training to 15 technical professionals; advised on technical and organizational management system; reviewed key wells of different fields of the Côte d’Ivoire Sedimentary Basin.
- Nov 2010 - Jun 2012: Operations Petrophysicist, Teikoku Oil (Suriname) / INPEX-USA part-time in Houston (USA), from Perth (Australia) and in Paramaribo (Suriname). Involved at all stages from well data acquisition through to operations, post-well data review, integration and interpretation.
- Nov 2010 – Apr 2011: project manager and key executor of a well data management project, Total Australia (Perth, Western Australia)
- June-Oct 2010: project manager and main executor of a well data management project, Murphy Oil (Perth, Western Australia)
- March-June 2010: consulting Petrophysicist to Oilex (Perth, Western Australia)
- Until March 2010, mainly consulting to INPEX Browse Ltd as Senior Development Petrophysical Advisor, planning the development of the giant Ichthys gas condensate field (>10 Tcf) and related exploration and appraisal operations (Jurassic/Cretaceous, clastics/volcanics, low permeability, low salinity). Actively involved in all the technical and commercial matters relating to the acquisition and analysis of core data. Petrophysicist for the Seismic Inversion team, the Geomechanical / Borehole Stability team and the CO2 Geosequestration Team, and also provide advice and support to the Exploration Team. Planned, set up, contracted out, monitored, reviewed and exploited four vintages of Special Core Analyses (SCAL) and other core analyses (e.g. grain inclusions). Involved in numerous technical discussions and presentations to Joint Venture Partners and other parties. Initiated, planned and implemented the introduction of Paradigm’s Geolog as the integrated geological platform for the Development Geology team. Until mid-2007, only petrophysicist in the entire INPEX Group, providing *ad hoc* technical support and advice to other INPEX ventures worldwide, as well as mentoring and support to junior colleagues.

**Feb. 2001 – Jun. 2005 - TRACS International, Perth, Australia  
Senior Consultant, Trainer, and Petrophysicist**

- Business consultancy and training delivery (more details on company website: [www.tracsint.com](http://www.tracsint.com)).
- Company Director from 2001, Managing Director from 2002, responsible for company direction and management. Company doubled income each of the three years, then was sold back to founders.
- Expertise in data management, petrophysics, field operations, and IT solutions. Expert user of many specialist software including LogDB, (Shell's) LOGIC, Petrolog, Powerlog,>NNLAP, Geolog, etc.
- Main consulting work:
  - Petrophysical review and appraisal planning of giant gas condensate field discovery in Western Australia; operations design, contracting, programming, and well site supervision; evaluation of modern tools including Nuclear Magnetic Resonance, Geochemical tool, epithermal neutron tool, sophisticated formation sampling configurations, oil-base-mud dipmeter, Logging While Drilling tools, etc (INPEX, from 2001 and full-time after April 2004, see above);
  - Petrophysical review, study, and operations in heavy oil offshore fields in Iran; mentoring of Iranian petrophysicist (Shell Iran, 2002-03);
  - Petrophysical study, contracting and operations planning in a complex field onshore Oman (clastics and carbonates); mentoring of Omani petrophysicist (Petrogas, 2002-03).

**1998 - 2001 Meranti Consulting, Miri, Sarawak, Malaysia  
Principal Consultant**

- Provided consulting and contractor services relating mainly to data management, general management, petrophysics, and IT solutions. Work included:
  - Contingency plan coordination, a review of a downstream company's operations, a full departmental reorganization (implemented by the company, resulting in significant reductions in Opex and road safety exposure), and the specification and full implementation of a scheduling data management tool to implement operations management controls. Worked closely with all sections and levels of the company.
  - Full Petrophysical field review of a field offshore Sarawak.
  - Data migration, data quality assessment, software installation and configuration, casual and advanced user and administrator training, documentation.
- Clients included Shell International (SIEP), Shell Syria (AFPC), Shell Sarawak (SSB), Brunei Shell Petroleum (BSP), Brunei Shell Marketing (BSM).

**1994 - 1998 Brunei Shell Petroleum, Seria, Brunei Darussalam  
Petrophysical Technology Planner / Support**

- Provided first-line support to a large community of petrophysicists and petrophysical software users (application and database).
- Coordinated and frequently taught various introductory, intermediate, and advanced technical courses to company staff and Brunei Government representatives.
- Completed a large log database implementation project, resulting in all the company's digital log data and log films to be readily available on-line to all users at all times. This was the first full implementation of the PAGODA database in the world.
- As Petrophysicist, involved in wireline and LWD contract management, planning and operations.
- As Technology Planner, coordinated the company users' position to steer the departmental IT Plan, and to influence the development of Shell Group systems.

**1990 - 1994 Shell Gabon, Gamba, Gabon  
Petrophysicist (Operations, Study, Exploration)**

- Operations Petrophysicist for appraisal and development wells in giant Rabi field, satellite field Echira, and some exploration wells. Numerous well log interpretations, including of open-hole logs, production logs, neutron capture cross-section logs, gravimetry logs, etc; in vertical, deviated, and horizontal wells; using latest evaluation technology when relevant (deconvolution, inversion, modeling, AVO, etc).
- Team Petrophysicist in integrated Petroleum Engineering Study Team for review of onshore brown field Gamba / Ivinga, including full field Petrophysical review design, coordination and supervision of data acquisition campaigns. Study resulted in postponement of field decommissioning and new drilling campaign as a direct result of a thorough petrophysical study integrating new cased hole logs with historical data. Field planned for decommissioning in 1995, still producing in 2009.

# **Martin Storey**

## **Senior Petroleum Engineer**

### **Curriculum Vitae**

- Exploration support, routine generation of synthetic seismograms. Iterations with geophysicist to improve well-to-seismic matches, lateral prediction.
- Special projects: Pulsed Neutron Capture logs for hydrocarbon saturation distribution in an old field; Borehole Gravimeter time-lapse surveying for determining the remaining oil saturation away from the well bore; High Pressure Liquid Chromatography analysis for fluid contact detection; using the Gamma-Ray tool to detect potential safety hazard due to radioactive salt build-up in completions prior to workovers; petrophysical data transfer focal point following asset divestment; project leader for original well log database implementation (PAGODA on VAX), including scanning of all films. Co-wrote SPE article on Rabi field monitoring well concept and realization (SPE 28399).

#### **Wellsite Operations Engineer**

- Responsible for the engineering aspects of the execution of drilling, completion, and workover programs in remote rain-forest locations.
- Actively participated in the full spectrum of exploration and production drilling, workover, and operations, including cementing, gravel packing, consolidating, logging (mainly horizontal wells), coring, running casings and completions, etc. Developed pioneering operational methods for horizontal well logging (TLC) with logging contractors (Halliburton, Schlumberger and Anadrill).

#### **1987 - 1989 Schlumberger Overseas, Argentina and Venezuela**

##### **Field Engineer (Wireline Logging)**

- Provided the full range of open- and cased-hole wireline logging services to clients offshore (Lake Maracaibo) and onshore (East Venezuela), after the full company training in Argentina. (1987-1988)
- Engineer-in-charge of operations base in El Tigre (East Venezuela), with responsibilities including field work; safety; maintenance; sales; crew, equipment, and base day-to-day management. (1989)

#### **1985 - 86 Médecins Sans Frontières, South Darfur and Khartoum, The Sudan**

##### **Administrator (logistics, accounting, representation)**

#### **1985 - 1990 United Nations Industrial Development Organisation, Belgium**

##### **Logistician and staff member (Technology Transfer programs). (two months/year)**

### **Education**

#### **1986-87 California Institute of Technology, Pasadena, California, USA.**

M.Sc. Electrical Engineering

#### **1983-85 Stanford University, Stanford, California, USA.**

B.Sc. Math. & Computer Science

< 1983 All prior education in France, including the French “C” baccalauréat (Scientific stream) with high distinction (“Mention Bien”), Académie d’Orléans-Tours.

### **Personal details**

- Last OPITO Helicopter Underwater Escape Training (HUET/BOSIET) 2010; Senior First Aid 2009.
- Member of SPE, PPDM, SPWLA and FESAus (formerly FESWA). FESAus committee member and head of the “Data Standards and Best Practices Group” since 2006; member of the Organizing Committee for the 51st Annual International SPWLA Conference, held in Perth, Australia, in June 2010, during which I was awarded the inaugural “Distinguished Service Award”.
- Languages: fluent English, French, and Spanish; basic Malay and German.
- French, British and Australian national, Australia-based, 50 years old. Married, one child born 2009.

### **Contact details**

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