

James Hendry Ph.D., P.Geo, Eur. Geol.

- ▶ Adaptable and high-performing geoscientist with exploration, appraisal and research experience. Breadth of geological skills and knowledge from pore- to basin-scale. Expertise in carbonate plays and reservoir characterisation. Effective communicator, technical report writer and editor.
 - ▶ Project lead and interdisciplinary team worker able to categorise, integrate, analyse and interpret diverse information and data into understandable and useable recommendations. Enthusiastic collaborator and mentor able to bring teams together for punctual delivery of technical projects.
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Director and Geological Consultant – Iapetus Geoscience Limited (2021- present)

- Providing expertise in geological data synthesis, analysis and interpretation to clients (oil/gas, minerals).
- Executive Officer for the International Association of Sedimentologists INPO.
- Adjunct Full Professor, School of Earth Sciences, University College Dublin.

Principal Geoscientist – Tullow Oil plc, South America Exploration Team (2017-2020)

- Led and contributed to multidisciplinary teams delivering integrated play fairway assessment in Caribbean and South America using 2D and 3D seismic interpretation, offset well analysis, reservoir sedimentology and source rock prediction, regional geology and analogue identification.
- Coordinated and integrated technical work for Jamaica license, including substantial input to farm-down for 3D acquisition, award of licence extensions, selection of drill candidates and successful internal QA.
- Undertook geological data evaluation, QC and JV technical liaison during non-op exploration drilling offshore Peru, led post-well prospectivity reviews to inform licence management and valuation decisions.
- Performed QA/QC role and supplied technical expertise to regional teams in S. America and Africa, including lead identification and prospect maturation with volumetric reserves estimation and risking.
- Coordinated reporting for regulatory authorities, partner meetings and management data packs, executed efficient data rooms and farm-out presentations, helped teams pull together to meet targets.

Lead Geoscientist / Geological Advisor – Tullow Oil plc, South America Exploration Team (2015-2017) and Subsurface Technology Group (2013-2015)

- Completed play fairway analysis for carbonate NV opportunities in NW and SW Africa, South America, Caribbean, the Central Mediterranean, Newfoundland and Norwegian Barents Sea.
- Contributed to prospect definition and maturation offshore Mauritania, integrating seismic interpretation with regional geology, offset well data and analogue research to establish a new carbonate play.
- Assisted West and East Africa development teams investigate clastic reservoir performance issues.
- Created technical guides, taught in-house courses, organised workshops and steered external projects.

Senior Carbonate Geologist – Royal Dutch Shell, Projects & Technology Group (2012-2013)

- Delivered specialist carbonate support and applied research in diagenesis and reservoir prediction within an interdisciplinary, multinational team supporting Shell's global E & P business units.
- Developed workflow to address uncertainties in reservoir modelling of complex reservoirs offshore Qatar using options tables linked to testable diagenetic scenarios, core sampling and analogue databasing.

Principal Lecturer in Earth & Environmental Sciences – University of Portsmouth (2001-2012)

- Designed and delivered training in sedimentology, sedimentary petrology, isotope geochemistry, regional geology, geological mapping, petroleum geosciences and geoscience research topics, that integrated employability competencies and transferable skills coaching.
- Organised and led numerous residential field courses (Spain, Cyprus, UK) including full HSSE planning.

Senior Reservoir Geologist – BG Group, Upstream Technology Division (1998-2000)

- Conducted reservoir studies for clastic and carbonate field development, integrating sedimentological and petrophysical data, identifying controls on poroperm distribution to provide geologically sound input to reservoir models and field appraisal plans.
- Facilitated and coordinated BG work on multinational world-class Karachaganak project, helping to secure £617K JV funding and establish technical leverage with larger partner companies.
- Leveraged research network to identify new technologies and supply competitive intelligence to assets.

Lecturer in Geosciences – The Queen’s University Belfast (1995-1998)

- Provided laboratory and field undergraduate training in sedimentology, stratigraphy and geological mapping, played key role in curriculum management, supervised postgraduate research.
- Established research collaborations, co-convened and edited proceedings of international Geofluids conference, invited contributor to ELF UK specialists’ workshop on North Sea HPHT reservoir quality.

ELF Research Fellow in Petroleum Geoscience – University of Aberdeen (1991-1995)

- Provided reservoir characterisation expertise to North Sea field appraisal teams, assimilating data from multiple analytical techniques to determine the history, distribution and compartmentalisation risk of diagenetic processes and products in the Scapa and Elgin-Franklin Fields.
- Fostered close working relationships to expedite transfer and implementation of results into company workflows and appraisal plans, whilst publishing and presenting key scientific findings.
- Supported undergraduate teaching as well as mentoring research students.

Royal Society Research Fellow – CSIC Earth Sciences Institute, Barcelona (1990-1991)

- Investigated fluid flow history of a foreland basin margin using isotopic data from fossil coral reefs. Results fed into multidisciplinary team study of the basin’s tectono-sedimentary-geochemical evolution.

EDUCATION AND QUALIFICATIONS

University of Liverpool - **PhD in Sedimentology and Geochemistry**

University of Cambridge - **BA Hons. in Geological Sciences**, class 2i

COURSES AND WORKSHOPS ATTENDED (*organiser or contributor)

Tullow Oil Fundamentals of Carbonate Geology *	FORCE Diagenesis in Exploration and Production
Tullow Oil Cenozoic Carbonate Facies Models *	FORCE Barents Sea Palaeozoic Carbonates
Tullow Oil Achieving Success in Carbonate Fields *	Nautilus Advanced Carbonate Exploration Concepts
Tullow Oil Seismic Interpretation in Carbonates *	Exprodat ArcGIS Essentials for Petroleum
Rose & Associates DHI Consortium / SAAM Workshop	AAPG Seismic Stratigraphy and Geomorphology
RPS Petroleum Economics and Decision Analysis	IAS Frontiers in Geomicrobiology
Schlumberger Petrel Fundamentals	BG Group Project Management
EdX Carbon Capture and Storage	

SUPPLEMENTARY INFORMATION

- **Language proficiency**
 - Conversation: English – Fluent; Spanish – Good; French - Moderate
 - Written / technical: English – Fluent; Spanish – Very good; French - Good
- **Professional service:**
 - Professional Member of the Institute of Geologists of Ireland
 - Associate Editor for “Sedimentology” since 2017
 - Subject Editor for Journal of the Geological Society from 2009 – 2014
 - Convenor of “Seismic Characterisation of Carbonate Platforms and Reservoirs” conference 2018
 - Coordinating Editor Geological Society of London Special Publication 509, publication in 2021
 - Organising committee for International Meetings of Carbonate Sedimentologists in 2011, 2015, 2019
- **Research publications**
 - 26 peer-review papers in major scientific journals and books (<https://orcid.org/0000-0002-8448-6057>)
- **Other information**
 - Competent Petrel and ArcGIS user, able to quickly master new software
 - Dual UK and Irish nationality, able to work in EU
- **Internet links**
 - Iapetus Geoscience: <https://www.iapetusgeo.com>
 - Linked in: <https://www.linkedin.com/in/jimhendrygeologist/>
 - Research Gate: https://www.researchgate.net/profile/James_Hendry2/
 - UCD: <https://people.ucd.ie/james.hendry>