

PERSONAL PROFILE

Name:

Job Title:

Industry Experience:


Qualifications:

Graham Davis

Chief Petrophysicist

35+ Years

BSc Hons Geology



SUMMARY

I am a team player with over thirty-five years of experience and a strong operational background. I have been involved with a number of international projects in Europe, the Middle East and the Far East. I have a strong work ethic and a good track record of working to deadlines and delivering results based on the integration of all available data with the full involvement of other disciplines.

I have strong interpersonal skills and have acted as supervisor and mentor for other petrophysical engineers. Prior to Harbour Energy, I was Chief Petrophysicist at CNR International looking after the UK North Sea and West Africa. I was also Local Petrophysics Network Leader at BP in Aberdeen and Section Head of Petrophysics (5 staff) for one of PDO's Asset Teams in Oman. I have previously held positions, both in the UK and internationally, for Shell and Enterprise Oil.

I was the Chief Petrophysicist at Harbour Energy, where I was responsible for a team of 9 Petrophysicists and petrophysical quality and integrated assurance across the company's global assets (UK North Sea, Norway, Mexico, Indonesia & Vietnam). I thoroughly enjoy Petrophysics and find that my enthusiasm for the subject helps me to communicate petrophysical issues very effectively to a wide range of audience.

TECHNICAL SKILLS INCLUDE:	OPERATIONAL SKILLS INCLUDE:
<ul style="list-style-type: none"><li>Strong open-hole log interpretation skills with emphasis on integration of ALL available data throughout the 3D modelling chain. With particular skills in NMR Processing.</li></ul>	<ul style="list-style-type: none"><li>Long experience of wellsite wireline and LWD logging operations. (Throughout my 30+ year career).</li></ul>
<ul style="list-style-type: none"><li>Good cased-hole log analysis skills (have written computer programs to analyse TDT and PLT).</li></ul>	<ul style="list-style-type: none"><li>In depth experience of LWD technologies, coring operations and core analysis techniques and QC.</li></ul>
<ul style="list-style-type: none"><li>Fractured and matrix-dominated carbonate reservoir analysis experience. Error analysis techniques</li></ul>	<ul style="list-style-type: none"><li>Work-Scope and Bid Preparation, Tender Evaluation and Contract Management.</li></ul>
<ul style="list-style-type: none"><li>Thin Bed evaluation, facies recognition techniques, Permeability/PI prediction and saturation height modelling.</li></ul>	<ul style="list-style-type: none"><li>Design, execution and analysis of fit for purpose data acquisition programmes.</li></ul>
<ul style="list-style-type: none"><li>Resistivity modeling and inversion processing, particularly of LWD data.</li></ul>	<ul style="list-style-type: none"><li>Disciplined and systematic approach to database management and audit trail.</li></ul>
<ul style="list-style-type: none"><li>Russian-style log analysis, including BKZ lateral suite resistivity interpretation and nuclear logging.</li></ul>	<ul style="list-style-type: none"><li>Experienced in Unitisation procedures and Equity negotiations. Preparation of Government Development approvals and Farm-out Documents.</li></ul>

SUMMARY EMPLOYMENT HISTORY

<b>Harbour Energy Plc</b> Apr 2013 – 2024 <i>(Nee. Premier Oil Plc)</i>	<b>Chief Petrophysicist</b> <b>London &amp; Aberdeen</b> <b>Highlights:</b> Managed a team of seven petrophysicists in the UK and two overseas. The Team came together from the three legacy companies that formed Harbour Energy (Chrysaor, CononcoPhillips & Premier Oil). I have good personnel management skills and constructed a high performing Team with a wide range of experience and expertise. Harbour are the largest oil producer in the North Sea, with projects from Green Field Development, Carbon Capture and Storage through to Late-Life mature asset management and COP operations.  I was a member of the Corporate Function Team providing BU project audit, review and assurance to the Board. Major projects have included Bream (Norway), Catcher & Tolmount (UK), Sea Lion (Falklands), Zama (Mexico), Gajah Baru (Indonesia) & Chim Sao (Vietnam). I provided analytical support for Business Development opportunities.
<b>CNR International</b> Jul 2003 – Apr 2013	<b>Chief Petrophysicist</b> <b>Aberdeen</b> <b>Highlights:</b> the first Staff Petrophysicist – implemented new systems and built small team (up to 3 staff) to support 10 subsurface teams and 6 drill strings in the North Sea and West Africa. Responsible for Ops Geology Function.
<b>BP Exploration Plc</b> Apr 2001 – Jul 2003	<b>Senior Petrophysicist</b> <b>Aberdeen</b> <b>Highlights:</b> Working on miscible Gas Flood EOR on Magnus. Residual Oil determination. Quantitative error analysis and stochastic prospect reserves estimation. 3D Geological modelling (IRAP/RMS). Local Petrophysics Network Leader.
<b>Shell (PDO)</b> Sep 1998 – Apr 2001	<b>Consultant &amp; Staff Petrophysicist</b> <b>Muscat, Sultanate of Oman</b> <b>Highlights:</b> Introduction of a multi-depth investigation LWD resistivity for inversion modelling and invasion profiling. Introduced more rigorous geo-steering procedures and analysis to the Yibal Asset Team - to help them get "closer to the roof".
<b>Enterprise Oil Plc</b> Jan 1997 – Sep 1998	<b>Senior Petrophysicist</b> <b>Sharjah, United Arab Emirates</b> <b>Highlights:</b> Developed new fracture fluid distribution model from cased-hole pulsed neutron logs Quantified the fracture porosity system of Mubarek Field for the first time.
<b>Enterprise Oil Plc</b> Jun 1985 – Jan 1997	<b>Petrophysicist - Senior Petrophysicist</b> <b>London &amp; Aberdeen</b> <b>Highlights:</b> Team Leader of UK Operations Petrophysics section, responsible for Nelson Development. Wrote computer programs for the analysis of PLT/TDT cased-hole logs. Responsible for major contracting strategy review. Integrated study fractured carbonate reservoir onshore Italy. "Russian Log Analysis" study carried out for a major field offshore Vietnam. Facies-related petrophysical modelling. Equity studies.