

Philip Bailey, MSc. MST. BSc. HONS, SOE
Senior Lecturer
Chair of Drilling and Completion Engineering (590)
orcid.org/0000-0001-9534-6036



Research interests

Well Engineering focusing on Well Integrity , Rock Mechanics , Pore Pressure & Fracture Gradient studies , combined with Well Control , Structural and Metamorphic Geology and Oil& Gas Risk Assessment with Carbonate Diagenesis

Professional Memberships and Activities

American Chemical Society 2015 - present
American Rock Mechanics Association 2012 - present
Austrian Society for Geomechanics (ÖGG) - pending
Bureau of Engineering Surveyors 2015- present
ASTM International Standards - Cementing C01 Technical Committee 2016 - present
ASTM Membership 2015 - present
European Association of Geochemists 2015 - present
Fellow of Geological Society, London (update pending)
International Society for Rock Mechanics 2012- present
Society of Operations Engineers 2015- present
Society of Petroleum Engineers - 2006 - present

Qualifications

MSc , MSc Petroleum Geology, University of Aberdeen
Award Date: 1 Sept 1996

MSc , Maitrise Geologie Fondamental et Appliquee, USTL Lille 1
Award Date: 1 Sept 1995

BSc, Geology with European Study , University of Greenwich
Award Date: 1 Sept 1995

Publications

AGR TRACS INTERNATIONAL LTD Subsurface characterisation of a saline aquifer cited for commercial scale CO2 disposal Energy Procedia 2014 | conference-paper DOI: 10.1016/j.egypro.2014.11.523 EID: 2-s2.0-84922901077 URL: <http://www.scopus.com/inward/record.url?eid=2-s2.0-84922901077&partnerID=MN8TOARS>

CASP (CAMBRIDGE ARCTIC SHELF PROGRAM) Formation evaluation study: diagenetic history and bitumen habitat of Silurian dolostones, Timan-Pechora (1996). By: Bailey, P.M.G., Reference: CASP.ARS.RB.653

BP ANGOLA : Geological Factors in the Outcome of Riser-less Development Drilling, Deepwater Angola - **The Geological Society** , London, Abstract Operations Geology Workshop (2012). By Spicer , Bailey, et al .

AGR TRACS INTERNATIONAL LTD The Chalk Reservoir of the Ockley Accumulation (Licence Block UKCS 30/1): in-situ Stresses, Natural Fractures and Implications for Stimulation
Paper presented at the Geology of Geomechanics conference, 28-29 October 2015, London

INDUSTRY EXPERIENCE

AGR Tracs International: Aberdeen, United Kingdom 2013-01 to 2015-01 Drilling and Global Geomechanics Focal Point

BP ANGOLA : 2012-01 to 2013-01 Geomechanics / Drilling Engineer (Angola)

Shell UK & AS Norske Shell, 2006-10 to 2012-01 Operations & Well Engineer (Wells)

Total E and P UK Ltd: 2004-04 to 2006-10 Wellsite (Drilling)

Halliburton 1996-09 to 2004-04 Drilling Engineer (Drilling)