

KHALED (KAL) A. LATIF, P. Geol.
Senior Associate



SUMMARY

A Geoscientist with over thirty-five years of international and domestic oil and gas industry experience, he has worked on various basins in Canada, Norway, Denmark, Africa, Middle East, SE Asia, Australia, India and Brazil and has a proven track record on the exploration front; play fairway evaluation and prospects generation combined with solid hands-on experience in fields development and evaluation. Skilled in both conventional and unconventional reservoirs, his areas of expertise include due diligence, basin analysis, structural geology, sequence stratigraphy, petrophysical evaluation, operations, reserve estimate, risk assessment.

EDUCATION

- Strategic Planning - 2015
- MBA (mini) - 2014
- Projects Front End Planning - 2005
- Project Management Certificate - 1990
- Oracle Diploma, Oracle University - 2001
- University of Alexandria, B.Sc. in Geology - 1979
- Also certificated in: team building synergy, structure, sedimentology, sequence stratigraphy, AVO seismic, reservoir development, basin modeling, advanced log interpretation, and programming

PROFESSIONAL AFFILIATIONS

- "Professional Geologist" in the Association of Engineers and Geoscientists of Alberta, APEGA

Active member in:

- AAPG, American Assoc. of Petroleum Geologists
- CWLS, Canadian Well Logging Society
- CSPG, Canadian Society of Petroleum Geologists
- EAGE, European Assoc. of Geoscientists & Engineers
- EMD, Energy Minerals Division (Unconventional)
- FDRG, Fault Dynamics Research Group
- IAS, International Assoc. of Sedimentologists

- SEPM, Society of Sedimentary Geology

PROFESSIONAL HISTORY

- Geoscience Manager – Chapman Petroleum Engineering Ltd., 2018-Present
- Project Coordinator – KUFPEC, 2011-2015
- Consultant Geologist – BG Group, 2007-2010
- Principal Geologist – BG Group, 2005-2007
- Associate - Chapman Petroleum, 2004-2005
- Exploration Manager - Calvalley Petroleum, 2001-2004
- Independent Consultant, 1999-2000
University of Calgary (Instructor), Cabre Exploration (Advisor), Sproule (Geologist)
- Staff Geologist, Africa and Middle East Team - EnCana, 1997-1998
- Exploration and Development Operation Manager - British Gas, 1991-1997
- Exploration Manager – Total E&P, 1980-1991

LANGUAGES

- Fluent in English, French, Arabic

KEY PROJECT EXPERIENCE

KUFPEC - South East Asia Region

- Asset Management Role; responsible for technical, financial and commercial aspects for exploration, development and producing assets.
 - ◆ Administered JOA, PSC & principle agreements
 - ◆ Coordinated inputs from the regional multidisciplinary teams. Provided peer reviews.
 - ◆ Monitored operations, liasoned with JPVs, stakeholders and participated in workshops and TCMs, sought board approval
 - ◆ Maintained cost control measures, processed and sought approvals on cash calls, AFE & ABR
 - ◆ Quality control on geoscience projects

BG Group - Assigned to UK Upstream

- HPHT Exploration Team: conducted play fairway in North Sea, created GDE and CRS maps, estimated YTF.
- Central North Sea Team: performed geological evaluations, integrated seismic, petrophysics, chemostratigraphy, basin modeling, structural restoration, fault seal analysis, and pore pressure prediction

BG Group - Assigned to BG Egypt

- Participated in regional project over the entire Nile Delta and Mediterranean. Identified new MTD's, introduced unique probability method to assess fault seal analysis.
- Provided a lead role in a coaching initiative and knowledge sharing across the entire BG group
- Sought WPB approval via assurance framework.

Chapman Petroleum Engineering - Calgary Office

- Conducted due diligence, geological evaluation, mapping, petrophysical interpretation, risk management, provided sound advice and operational support to clients

CALVALLEY Petroleum

- Conducted evaluation and basin analysis in Yemen; integrated seismic and geological data
- Recognized reservoirs, defined play types
- Quality-assurance and prospect ranking and risking
- Selected optimum well locations, prepared well programs, and sought Government approval
- Launched and evaluated bids, negotiated, awarded, and administered contracts and budget
- Planned, coordinated and supervised geological and drilling operations

Consultant for the Following Clients:

- University of Calgary - Proposed, developed and instructed courses for industry professionals, international oil and gas exploration & operations, negotiating international contracts
- Sproule - Evaluated geology and reservoirs

EnCana - Africa and Middle East Team

- Evaluated basins and blocks in Libya, North Africa
- Generated drillable prospects and leads
- Recognized additional reservoirs adding reserves
- Participated in 1000 km of 2D seismic survey, integrated seismic, geological and reservoir data; producing the basin petroleum system
- Evaluated new ventures and bid rounds in Egypt, Algeria, Libya, and Yemen

British Gas

Exploration and Operation Geology Manager

- Coordinated exploration work and geological operations, offshore Mediterranean Sea; resulted in major gas discoveries & production fields
- Participated in first West Delta Deep Marine project in water depth of 700-1200m in the Mediterranean
- Administer and trouble-shooter for first Alliance contract in North Africa and Middle East, led to successful and cost-effective operations
- Evaluated pressure regime, shallow gas, site survey and other deep marine operation hazards
- Liaison with BG-UK multidisciplinary team and alliance partners

Development Operations Department Head

- Appointed by British Gas to its Joint Venture Company, participated in the development of oil-producing fields, Gulf of Suez-Egypt
- Contributed in G&G studies and full development plans
- Evaluated bids, made recommendations, assured compliance of the first Turnkey contract in Africa
- Assigned the leadership of Balah asset-team to evaluate this deep offshore exploratory prospect

Consultant Senior Geologist

- Responsible for the geological operations and well-setting of offshore wells in Egypt with 95% success rate

Total E&P

Exploration Manager

- Handled major decisions, liaison with GM and Paris headquarter, communicated with JV, partners, government, sought decision approval

- Negotiated and granted authorities' approval of over US2M\$ pending cost recovery expenditures
- Planned 2D offshore seismic survey, drilled deep wells, resulting in multi-layered gas discoveries
- Prepared farm-out proposals, evaluated farm-in opportunities, presented to management

Deputy Exploration Manager

- Contributed to US350M\$ development projects of major oil and gas fields in the Gulf of Suez
- Drilled offshore wells with 90% success rate
- Performed full bidding process, sought approvals, negotiated, awarded and administered contracts

Subsurface Operations Department Head

- Responsible for planning, QC, and supervision of geological operations of offshore and onshore exploratory, appraisal, horizontal wells, prepared programs, compiled reports, evaluated reservoirs.

Geologist

- Evaluated over 20 exploratory blocks in Egypt
- Generated prospects, prepared drilling programs
- Assigned full supervision duties of geological, logging, coring, and testing operations
- Drilled tough-to-operate HTHP deep offshore wells with 75% success rate
- Discovered oil, condensate, gas fields in Gulf of Suez, Red Sea, Nile Delta and Mediterranean

PUBLICATIONS

- Referee on technical papers, published in the Canadian Society of Petroleum Geologist's Bulletin
- International reviewer-referee on public issues for UNESCO: IUCN-International Union of Conservation of Nature and IUGS-International Union of Geological Science
- Esh Elmalaha Discovery, Red Sea: FMS Analysis Study of Fractured Basement, published in the "Découverte Exploration" magazine