

## Nuno Alves, PhD



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Washington DC, USA

Accomplished energy-sector strategist with expertise in navigating the intersection of business, policy, technology, and operations. Proven ability to implement innovative solutions that transform operating performance, key issue visibility, and corporate reputation at US and international level. DEI champion with strong multicultural experience and known for creating collaborative, high performing, and diverse teams. Speaks fluently English, Portuguese, and Czech, and understands Spanish. A graduate of the prestigious Bush-Clinton Presidential Leadership Scholars' program (2019 class).

- Strategic Planning
- Policy Analysis & Advocacy
- Sustainability, Energy and Climate Change
- Stakeholder and Partner Engagement
- Corporate Strategy
- Complex Problem Solving
- Cross Cultural Acumen
- Oil and Gas Field Development
- People Management and Development
- Project and Change Management

### Professional Experience

Began career as an engineer and progressed to increasingly more challenging technical, business, and policy roles in Angola, UK, and US with **BP plc**, one of the world's leading integrated energy companies.

#### **Senior Director, Policy & Government Affairs, Washington DC (2018-present)**

Primary US C&A liaison to BP's Gulf of Mexico business (GoM), advocating directly to government agencies on high priority policy and regulatory issues to create more favorable business environment for bp. Accountable for providing strategic federal policy and regulatory advice to GoM, ensuring alignment with BP's net zero strategy. Responsible for providing business and technical advice to the US C&A leadership and team on US policy issues through business and operational lens.

- A member of the leadership team, contributing to business oversight and management of non-technical risks.
- Lead a multidisciplinary team developing a BP position on bonding and financial assurance regulation as key mitigation to material business risk.

## Redacted - First Amendment

- Negotiated, coordinated, and implemented a MOU between BP and EDF (an environmental non-governmental organization) on methane collaboration with a commitment investment of up to \$2m.
- Worked with the Upstream Technology and HSE teams to outline three methane related projects including modeling efficacy of new emission detection technologies and addressing methane in non-operated joint ventures.

### **Onshore Reservoir Development Manager, Houston (2012-2018)**

Responsible for managing and developing a giant unconventional Wamsutter gas field (>1 billion barrels of hydrocarbon resources) in Wyoming, US Onshore. Accountable for optimizing economics of >\$200 million of annual CAPEX drilling budget (3 drilling rigs). Handled partner relationships and OBO investments. Managed annual reserves booking process; managed teams with up to 17 direct reports.

- Proved up commerciality of horizontal wells and successfully drilling first multilateral well in basin.
- Developed new more commercial reservoir zones with higher oil yields (up to 200 bbls/mmcf).
- Interfaced with Woodmac analysts to increase Wamsutter's net asset value by 70% to \$1.7B.
- Delivered compression project solution to increase gas export capacity by +100 mmscf/d.
- Made critical people decisions over three waves of company restructure.
- Supported ~\$100m lease acquisition of a competitor position.

### **Business advisor to EVP Upstream Production Division, London (2010-2012)**

Managed the executive office of the largest Upstream Division with > 5,000 employees globally and producing ~2 million bbls/d. Responsible for implementing its strategic vision and re-organization. Planned EVP agenda, and ensured effective information flow with other executive offices.

- Supported implementation of functional organizational structure in the Division.
- Skillfully interfaced with 15 subsidiaries executive offices globally, building strong relationships remotely.
- Gained insight into each BP operated asset, fiscal regimes, and competitor analysis.
- Compiled BP Group CEO briefing documents for executive partner meetings.

### **Offshore Reservoir Management Team Leader, Luanda – Angola (2009-2010)**

Accountable for technical studies, field development and reserves estimation for three of five reservoirs in Greater Plutonio subsea project, Offshore Deepwater Angola. Each reservoir of ~100 million bbls size and of Oligocene age. Managed 8 direct reports split between Angola and UK offices.

- Ensured quality RE/Geological technical analysis including updating static and dynamic models, water injection effectiveness, 4D seismic data analysis, depletion management for offset drilling.
- Directed production team by providing weekly operating guidelines for the seven producers and injector wells, delivering combined ~50 thousand bbls/d.

### **Production/Reservoir Engineering roles, London (2002-2008)**

- Delivered regular short and long-term production forecast for the Angola business unit (producing ~200 thousand bbls/d), including probabilistic analysis, and outlining risks and opportunities to delivery.
- Delivered annual planning presentations to executives in BP and partners (Sinopec and Sonangol).
- Representative BP engineer in Total's \$10 billion "Pazflor" project, in Block 17 Offshore Angola. Successfully achieved internal FID decision by defending technical proposal and analysis.
- Influenced operator to adopt gas injection rather than water as pressure maintenance scheme.
- Coordinated timely and defensible reserves SEC submission of ~50 fields for three years.
- Offshore Well Test PE, supported 5 flowback well tests (producers and water injectors).
- Reservoir simulation in ECLIPSE, VIP/NEXUS platform for FPSO start-up scenarios and LNG gas export projections.

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**Education:**     **PhD in Aerospace Engineering;** Queen Mary – University of London (QMUL), UK (2004).  
Bachelor of Engineering (First Class) in Aeronautical Engineering; QMUL (1998).  
High School Diploma in Industrial mechanics, SPŠ Pelhřimov, Czech Republic (1994).