



MR. DAVOUD BARDAL

Mr. Bardal has more than **22 years** of international oil and gas experience and extensive technical, commercial and economic evaluation expertise. He has served as Sr. Reservoir Engineer with Reservoir and Chemical Engineering background with extensive simulation and field development planning skills. He has a track record for success in multi-national enterprises, proactive, confident senior professional with a proven ability to deliver the results in time, thrives in results-oriented challenging environments, nurturing talent and achieves high quality results through collaboration and performance management and excellent attention to details.

His specialties include reserves and resources evaluations, Oil and Gas Field Development Planning, economic modelling & risk analysis, subsurface peer assist, mentoring staff, reservoir simulation (Black Oil and Compositional) and history matching, uncertainty analysis and robust optimization, prospect evaluation, enhanced oil recovery (waterflood, miscible and immiscible gas injection and gas recycling), advanced integrated asset modelling, well modelling and nodal analysis, well test design and interpretation, decline curve analysis, PVT modelling and equation of state calibration, special core analysis, confident user of Petrel, Eclipse, CMG-IMEX and Petroleum Expert suite (Gap, MBAL, Prosper and Resolve) and expert user of Tempest-Enable and CMG-CMOST uncertainty analysis and history matching software interconnected with Python programming, strong analytical and technical problem solving skills and confident developer of Macros using Visual Basic and Python in Excel. He has been involved in conducting economic evaluation of multi-billion-dollar oil and gas field development projects. He has been involved in designing and modelling fiscal systems.

He has worked with the following companies.

1. Svenska Petroleum Exploration U.K. Limited – Reservoir Engineering Consultant
2. Sasol Exploration and Production International – Reservoir Engineering Consultant
3. Centrica Energy Exploration and Production – Lead Development Reservoir Engineer, International
4. Seven Energy International – Senior Reservoir Engineer
5. Naftkav Engineering & Services Co. – Project Leader & Sr. Reservoir Engineer
6. Tehran Energy Consultants – Reservoir Engineer

EDUCATION

- B.Sc. Chemical Engineering, Process Design
- M.Sc. Chemical Engineering (Simulation Modelling)

PORTFOLIO OF COURSES

- Petroleum/Project Economics with emphasis on Probabilistic Analysis
- Oil & Gas Reservoir Engineering
- Oil & Gas Reservoir Management
- Reservoir Simulation – Intermediate and Advanced