

CV MAHDI SELLAMI

SENIOR RESERVOIR AND PRODUCTION ENGINEER

Permanent Address:

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Civil Status

Date of Birth : June 13th 1982, Sfax, Tunisia.

Nationality : Tunisian.

Civil Status : Married.

Education

2005 - 2007 : Master's degree in Computational Mechanics from the **Tunisia Polytechnic School (EPT)**, Tunis, Tunisia.

2003 - 2006 : Engineer's degree in Mechanics and Structures from the **Tunisia Polytechnic School (EPT)**, Tunis, Tunisia.

2001 - 2003 : Preparation for engineering studies (option: Mathematics and Physics) at the **Preparatory Institute for Engineering Studies of Sfax (IPEIS)**, Sfax, Tunisia.

Professional Experiences

**August 2023
to present**

Senior Production Engineer at **ATOG**, Tunis, Tunisia.

Cosmos development project: reservoir simulation modelling for the Cosmos South field (offshore, sandstone, oil and gas): DST match, sensitivity analysis, development scenario optimization and forecasting. Participation in the update of its plan of development. Follow up studies for artificial lift, completion and sand control design. Organize workshops and TOCM meetings.

Bir Ben Tartar field: monitoring and analysis of well performance for production enhancement, follow up well testing, optimize production parameters, production forecast, deal with daily field problems and manage out solutions, contribute with operation team to the good achievement of well interventions safely, on time and under budget.

Cost management: control OPEX, maintain close working relationships with all involved departments to ensure an effective teamwork approach to achieve company objectives safely and cost efficiently.

**January 2021
to August 2023**

: Reservoir and Production Manager at **TOPIC SA**, Tunis, Tunisia.

Development of the Halk El Menzel field (offshore, carbonate, oil): follow the drilling operations of three development wells, data gathering and

analysis, coordination with service companies, optimization of well trajectory.
Production data base preparation and production allocation.
Monitoring and analysis of well performance for production enhancement.
Optimization of ESP parameters.
Follow up new technologies and identify opportunities for production enhancement.
Production forecast and reserves estimation.
Lead and coordinate integrated subsurface studies for the Halk El Menzel field (static and dynamic reservoir modelling).

March 2018 to December 2020 : Senior Reservoir Engineer at **TOPIC SA**, Tunis, Tunisia.
Development of the Halk El Menzel field (offshore, carbonate, oil): follow the drilling operations of three development wells, data gathering and analysis, coordination with service companies, optimization of well trajectory.

January 2016 to December 2017 : Reservoir Manager at **PA Resources Tunisia**, Tunis, Tunisia.
Lead and coordinate integrated subsurface studies for PA Resources Tunisia assets.
Monitoring producing assets and take decision for production enhancement.
Elaboration of plan of development for Zarat field.
Production forecast and reserves estimation.
Economic evaluation of projects.
Prepare budgets.

July 2012 to December 2015 : Senior Reservoir Engineer at **PA Resources Tunisia**, Tunis, Tunisia.
First responsible for reservoir simulation modelling for Didon field (offshore, carbonate, oil) and Zarat field (offshore, fractured carbonate, gas cap with oil rim): DST match, sensitivity analysis, development scenario optimization, history matching and forecasting.
Monitoring, production allocation, production data base preparation and well parameters optimization for Didon field (offshore, oil) and Douleb-Semmama-Tamesmida fields (onshore, oil).
Participation in the elaboration of plan of development for Zarat field.
Production forecast and reserves estimation.
Economic evaluation of projects.
Preparation of data rooms and marketing of fields.

September 2007 to June 2012 : Reservoir Engineer at **PA Resources Tunisia**, Tunis, Tunisia.
Reservoir simulation modelling for Didon and Didon North fields (offshore, carbonate, oil) and Zarat field (offshore, fractured carbonate, gas cap with oil rim): DST match, sensitivity analysis, development scenario optimization, history matching and forecasting.
Monitoring, production allocation, production data base preparation and well parameters optimization for Didon field (offshore, oil) and Douleb-Semmama-Tamesmida fields (onshore, oil).
Participation in the elaboration of plan of development for Didon North and Zarat fields.
Production forecast and reserves estimation.
Economic evaluation of projects.

February 2007 to August 2007 : Process engineer at **CFTP**, Sfax, Tunisia.
Responsible for improvement of the separation process at Sidi Litayem field.

- August 2006 to October 2006** : Hydraulic engineer at the research laboratory **IET** of **SOCOMENIN**, Sfax, Tunisia.
Conception of a water pumping station.
- July 2005 to August 2005** : Engineering internship at **SEREPT**, Sfax, Tunisia.
Upgrading of the workover rig of the offshore ASHTART platform (loads calculation and hydraulic power needs for each drilling phase).
- March 2004** : Worker internship at **SOPAL** (manufacture and distribution of sanitary equipment and water and gas connections), Sfax, Tunisia.

Trainings

- December 2022** : "PETREL Fracture Modeling" coached by **Schlumberger** (2 days).
- December 2022** : "PETREL Property Modeling" coached by **Schlumberger** (3 days).
- February 2010** : "PETREL Reservoir Engineering" coached by **Schlumberger** (5 days).
- October 2009** : "Petrophysical properties: core, log and test data integration" at **IFP**, Paris, France (5 days).
- September 2009** : "Reservoir characterization" coached by **ResModTec** (5 days).
- November 2008** : "Interactive petrophysics training" coached by **Schlumberger** (2 days).
- June 2008** : "Black oil simulation modeling using CMG's software (IMEX, Builder, Results)" coached by **CMG** (16 days).
- January 2008 to March 2008** : "Reservoir engineering" at **IFP**, Paris, France (60 days).
- November 2007** : "Petrel modeling course" coached by **Schlumberger** (2 days).
- November 2007** : "Petrel introduction course" coached by **Schlumberger** (5 days).

Computer Skills

- Petroleum Software** : ECLIPSE, PETREL-RE, PETREL, IMEX, OFM, PROSPER, SAPHIR, AutoGraph PC.
- Programming Languages** : C++, Pascal, Fortran.
- Other Software** : Microsoft Office, Matlab, Maple, Autocad.

Languages

- Arabic** : First language.
- French** : Bilingual.
- English** : Read, written and spoken.

Publications

El-Borgi, S., Sellami, M. and Kallel Kammoun, I., "Contact Mechanics of an Orthotropic Graded Coating Bonded to a Homogeneous Substrate". Third International Conference on Advances in Mechanical Engineering and Mechanics, Hammamet, Tunisia, December 2006.

Teaching Experiences

2013 and 2014: Give course of "Petroleum Economics" at the **Private Polytechnic Institute of Advanced Sciences of Sfax (IPSAS)**, Sfax, Tunisia.