

Mustapha Metmati

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SUMMARY

A skilled, adaptable, and deadline-driven trilingual Geological Engineering graduate who is eager to apply his academic foundational relevant experience in a practical setting. Proven success in leading culturally diverse teams in various design and drilling projects offering strong analytical and organizational skills with a solid technical and methodical aptitude. A confident communicator who effectively collaborates with colleagues, senior management, external partners, and key stakeholders to accomplish all goals in an accurate and timely manner. Detail-oriented Engineer with a strong ownership attitude, valuable critical thinking, and problem solving skills. Thrives within a team or independently in fast-paced environments with little supervision. Possess a valid driver's license with a clean record and willing to relocate.

AREA OF EXPERTISE AND SKILLS

- Field/Laboratory/Office Work
- Inspective & Investigative Work
- Geotechnical Characterization & Assessments
- Drilling/Coring Monitoring
- Field Data Collection, Processing, and Analysis
- CAD and 2D&3D Numerical Modeling
- Hazardous Situation Early Detection
- Industry & HSE Standards
- Regulatory Compliance
- Technical Writing & Presentation
- Interpersonal Communication
- Leadership & Team Building
- Creativity & Self-learning

PROFESSIONAL EXPERIENCE

Hydrocarbons Regulating Authority – ARH, Algiers – Algeria

May 2017– September 2022

► Well Operations Engineer

- Participated in the development of guidelines, rules, and procedures for Well Integrity Management & HSE.
- Conducted audits and controls related to well integrity and annular spaces management in order to decide, by applying regulations, on the approval to start well production or its abandonment/suspension.
- Conducted control of special operations such as stimulation of the reservoir by hydraulic fracturing of Conventional/Unconventional reservoirs after confirmation of the suitability of the well for the operation.
- Reviewed and examined well technical dossier (Drilling/Workover, Completion, Cement and casing inspection evaluations, Formation flow testing), production requests, and Suspension and P&A programs.
- Controlled the Well Integrity Management System of the different JVs operating in different oil and gas fields, and interacted with operators' senior personnel on technical matters.

Schlumberger – SLB, Algeria – Kuwait

September 2011 – September 2016

► Real-Time Drilling Operation Support Engineer

(R-T Operations Management Centre-SLB/SONATRACH), (R-T Drilling Decision Centre-SLB/Kuwait Oil Company)

- Handled and supported three major sections of operations; Pre Well Planning, Drilling and Well-construction Operation Support, and Post Well Reporting.
- Modelled the Predrill Road Map of Well Trajectory, Hydraulics, ECD, Torque and Drag, and Swab and Surge.
- Continuously highlighting deviations of drilling operations from predrill road map models and MSE optimization.
- Provided Real-Time decision support to the drilling team and conducted a risk assessment of the drilling process with recommended solutions that significantly reduce non-productive time (NPT).
- Monitored the KPIs to measure the quality and cost-effectiveness of, and benchmark client performance with potential cost savings. Prepared Event Analysis and End of Well Reports for all rigs monitored to be delivered to the client.
- Oversaw the Quality meetings and the Drilling morning meetings; discussed the last 24 hrs operations up to 84 drilling rigs and the service. Ensured proper people management and efficient time management.

Baker Hughes – EHO, Hassi Messaoud – Algeria

June 2006 – June 2011

► Logging Geologist

Clients: SONATRACH, ANADARKO, BP, STATOIL, CONOCOPHILIPS, REPSOL, and ENI.

- Ensured good reporting and communication with the client (Town/Rig) as a company representative and Mud Logging unit manager and participated as part of a team running operation.

- Demonstrated a range of technical competencies in areas such as geology, chemistry, mechanics, electricity, electronics, and computer science.
- Operated and maintained a Real-Time computer-based data acquisition system, which records all aspects of rig activity
- Used a range of equipment and laboratory techniques to analyse drill cuttings & cores and created mud logs showing a geological record of the site being drilled.
- Analysed core samples, provided technical advice in core recovery and core description, and participated in the analysis of the drill cuttings to pick up formation tops and to identify chemical, mineral, and hydrocarbons.
- Monitored and recorded drilling/coring activity, and predicted dangerous situations.

Cosider (Engineering Works Subsidiary), Algiers – Algeria

June 2005 – May 2006

► **Tunnel Site Geologist**

- Carried out geomorphology studies, Geo-hazards, and soil modeling. Led Ground Investigation & Characterisation.
- Oversaw subsurface investigations, subsurface soil and rock collection, monitoring well installation, and installation of geotechnical instrumentation.
- Carried out site inspection works for tunnels (2), shaft, and underground structures and prepare site visit reports.
- Complete ground-structural engineering analyses including reinforced concrete tunnel lining, shells, walls, slabs, deep foundations, retaining structures, and support of excavations.
- Provided the necessary geological information and reports to better tunnel construction problems understanding and participated in the appropriate action plan development. Onsite monitored the implementation of the various remediation plans.

EDUCATION

State Engineer, Structural Geology, University of Sciences and Technologies USTHB, Algiers, Algeria (2004)
Thesis Subject: Oil Field Applied Structural Geology; Field of Mesdar -Hassi Messaoud (Very Good; 17.5/20)
 (Internship with SONATRACH)

CERTIFICATIONS AND HIGHLIGHTED TRAINING

- **Training at OSHAcademy:**
Offshore Oil and Gas Safety I October 2022
- **Training Schools at Sonatrach Co:**
Exploration and Exploitation Techniques for Shale Gas (Algerian Petroleum Institute) November 2019
Horizontal Directional Drilling Course (Algerian Petroleum Institute - Sonatrach) April 2019
Drilling Fluids and Hydraulic Optimization Seminar (Algerian Petroleum Institute - Sonatrach) September 2018
- **Training Schools at Schlumberger Co:**
Well Integrity Life of the Well (Schlumberger [Cheraga Office] Algiers -Algeria) July 2018
Well Integrity Life of the Well (Schlumberger [Hassi Messaoud] -Algeria) March 2018
Operations Support Engineer Seminar (Sugar Land Learning Center [SLC]-Houston -USA) October 2013
Drilling Engineering Course (Schlumberger Training Center at Pau -France) October 2012
- **Training Schools at Baker Hughes Co:**
Baker Hughes ADVANTAGE Software (Hassi Messaoud -Algeria) June 2007
Oil field Familiarization and Gas Equipment (Aberdeen -Scotland) August 2006
August 2006 Advanced MudLogging School (Aberdeen -Scotland)

ADDITIONAL TECHNICAL SKILLS

- Thorough knowledge of navigating modern websites.
- Technically savvy and able to quickly learn new software
- **ArcGis & ArcMap**
- **Rocscience:** Dips and RSLog
- **Schlumberger Software expertise:** PERFORMToolkit, PERFORMView, InterACT, Drilling Office, Petrel
- **Halliburton Software expertise:** OpenWells, WellPlan & COMPASS (Basics)
- **Baker Hughes Software expertise:** Advantage, WellLink
- **ExproSoft:** WELLMASTER (Basics)
- Microsoft advanced skills (Word, Excel, PowerPoint)