MOHAMED NEFATI TARHUNI, PhD,PE.

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PERSONAL SUMMMARY

I am an adept **problem solver** who is skilled at high-level technical analysis and **fast-paced critical thinking**. In an environment where multiple voices are vying to be heard, I am skilled at **sorting through opinions**, then using **diplomacy** to move toward the best possible outcome. My **flexibility**, coupled with my ability to **communicate effectively**, makes me a valuable member of any **team**. Prioritizing my work and responsibilities allows me to complete projects to a **high standard,** whilst maintaining a **good attitude and positive approach**. I would happily welcome any leadership opportunities to highly perform in my field area, and I thank you in advance for your kind consideration.

EDUCATION

2019-2022	**PhD Petroleum Engineering**	Universiti Teknologi Malaysia (Malaysia)
	- **Research Title:** *An Integrated Approach to Optimize Water Injection Paths in Highly Heterogeneous Naturally Fractured Carbonate Reservoir*	
2016-2017	**MSc, Petroleum Engineering**	Heriot-Watt University (UK)
2010-2013	**B.Eng, Petroleum Engineering**	University of Aberdeen (UK)

EXPERIENCE

Aug 2013 – Present   **Reservoir Engineer**, *Akakus Oil Operations (Repsol), Tripoli, Libya*

Reservoir Management

- Validate well test data and able to perform production allocation. Loading production & pressure data into (OFM) and maintain the clarity of the information.
- Apply reservoir management techniques to prepare, implement reservoir surveillance plans and determine facility needs.

Conventional Reservoir Engineering

- Ability to generate productivity/injectivity test program, interpret and analysis the result and produce final report.
- Prepare data collection and integration, field model construction, history-match and forecasting using material balance techniques.
- Performs reserves estimation and production forecast using internal and international standard methodologies (i.e. SPE, SEC, others).
- Perform diagnostics and recommend options for remedial work to enhance well performance. Establish communication with drilling & completion teams.
- Ability to integrate static & dynamic data such as well test evaluation, Log, RFT, PVT,CCA and SCAL result to perform reservoir analysis or modeling for optimizing reservoir development plan.

Daily Surveillance & Monitoring

- Follow up daily production, injection, drilling and work over reports, inform supervisor should any discrepancies occur.
- Check running hours for wells and compare expected and actual production rates.

Software Packages in use and technical Skills

Microsoft Project, Word, Excel and PowerPoint*;* **Prosper** (well performance, design and optimization program) **Pansystem** & **Sphair** (well test analysis software), **Eclipse** (Simulation software), **Petrel RE** (reservoir eng Simulator), **EORt** (EOR agent selection tool) and **OFM** (well and reservoir analysis software)

Feb-May 2013   **Intern Petroleum Engineer,** *Schlumberger, Aberdeen, UK*
Successfully delivered an EOR screening project for a client.

Jul-Sep 2012   **Trainee,** *Mellitah Oil and Gas BV*, Tripoli, Libya
Won a place in their highly competitive summer training programme, which included training on geology, petroleum and reservoir sections.

INTERESTS

Native in Arabic and fluent in English; enjoy travelling, music, playing sports like football and volleyball, keeping fit and getting to know new people and cultures.

REFERENCES

Available on request