**Hussameldeen Ahmed Mohmmed Abdorhman**

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# Education

**M.SC | Sudan University FOR science and tECHNOLOGY 2021**

M.sc. in petroleum production engineering, Sudan university for science and technology.

## B.SC | 2010 | Sudan University FOR science and tECHNOLOGY

## Major: PETROLEUM ENGINEERING

## Honors degree (B.SC) in Petroleum Engineering and Technology, Sudan University of Science & Technology (SUST), Khartoum, Sudan (2010).

**Thesis for degree Fulfillment**

**M.Sc** fulfillment thesis was **production optimization for a Sudanese oil field.**

# B.Sc fulfillment project was Sand Production and Optimum Control Method Selection. Outcomes of the project is creating Sand exclusion selection criteria which uses data provided for each well or Reservoir for selection. (The project was candidate for scientific innovation prize).

# Experience

**Production Technologist** | **Petroenergy E&P operating Co. (Sudan):**

## Nov.2013- up to date.

Tasks and Duties:

* Gathers and processes various production and well data. Monitors the daily operations and well reports including the review of basic process parameters.
* Maintains appropriate database for well and production data and analyzes the productivity of assigned wells. Prepares reports and discusses findings with supervisor.
* Performing well performance analysis and surveillance,
* Responsible for gas lift wells (design and monitoring), as well as responsible for unloading operation in well site for natural flowing wells and gas lift wells.
* Prepares programs for rig less operations implemented in the well site and supervise it.
* Updating DFL (dynamic fluid level).
* Diagnose problematic wells, propose production view remedy action and participate in Workover program preparation.
* Identify poor performance areas and propose solutions.
* Recommends production optimization and/or well stimulation programs to increase production as deemed necessary.
* Supervises trails of new surface and downhole equipment. Monitors and discusses the performance of installed production equipment.
* Participate in MR’s preparation as well as material consumption reports.
* Review sand production and exclusion technologies applied in field together with completion engineer.

## Internship program as Petroleum Technologist | SUDAPET Co. ltd, |

## Feb.2011- Sep.2012

It was a period of internship program where I participated in number of projects doing various roles in accordance to the project scope.

* **Trained subject included but not limited to:**
* Production Data QC and analysis
* Reservoir pressure and Temperature analysis.
* Production allocation, Decline Curve Analysis and Reserve Estimation.
* Production Water Analysis using Chan plots.
* Conventional and Special Core analysis (CCA/SCAL)
* **Projects**
* Sand Screen Evaluation Project in Sudanese oil fields.
* Operatorship project for Sharif and Abugabra fields as Petroleum Technologist.
* EOR screening project for Sudanese fields.
* Performance Review for nitrogen injection after field implementation for Jake South field.

# Skills & Abilities

**Communication**

* I possess a good communication skill within my team and other working sections. As well as good skills in projects coordination and tasks completion.

**Courses and CERTIFICATES:**

* PCP workshop at PCM workshop Oman - June 2022.
* NEPOSH International General Certificate IGC 2022.
* NEPOSH Process safety Management certified 2018.
* Well control preparation.
* Gas lift technology training program (valves debugging and maintenance operation). Feb 2015.
* Production Optimization using PIPESIM software – May 2014.
* **PVTI** Software – July 2012.
* Fundamentals Oil Field Manager (OFM) Software - May 2011.
* Basic Reservoir Engineering Practice, and Numerical Simulation for Water Flooding and EOR - September 2011.

**Other Skills**

* Initiative Person, Self Motivator.
* High ability to work under pressure (Challenges),
* Good adaptability with new different conditions in short period of time.
* English language: Good in Speaking, listening, and writing (IELTS band 7).
* Proficient user for MS office (Excel, Word and Power point).

**REFERENCE**

* Available upon request