

## Melki Abbassi

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Tunisia

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### OIL & GAS PRODUCTION OPERATIONS SPECIALIST

#### **OBJECTIVE:**

An oil and gas production operations Specialist with over twenty two years of experience seeking a challenging and responsible position in oil and Gas production operations, commissioning and start-up supervisory, SIMOPS co-ordination, where I can utilise my multifaceted management and hands-on experience, inter-personal, leadership and training skills to full potential.

#### **QUALIFICATIONS AND PROFILE:**

- Broad knowledge of virtually all upstream Petroleum Production Operations.
- Strong leadership & Very good communication and interpersonal skills.
- Very good knowledge of instrumentation and Control systems, SCADA, DCS, pre-commissioning, commissioning and equipment start-up.
- Comprehensive knowledge of project applications, combined with good project planning, scheduling and resource organisational skills.
- Strong analytical and problem solving skills with a thorough knowledge of all aspects of oil and gas facilities operations.
- Very good hands-on experience and a sound instrumentation and mechanical background on oil and gas production wells, wellheads, Water injection and gas injection wells, SMART wells, flow-lines, pipelines, manifolds, metering systems, pumps, compressors, pigging (pig launchers and receivers), gas turbines, high pressure vessels, electric and fired heaters, heat exchangers, dehydration storage tanks, process measurement, control and safeguarding systems.
- Familiar with very high pressure and sour gas wells and H2S environments.
- Proficient in formulating and writing step-by-step and concise Operating Procedure Guides and Manuals, including process flow diagrams.
- Able to work independently or in a multidisciplinary team with the ability to manage and drive teams in multi-cultural environment.
- Able to co-ordinate SIMOPS activities and give full support services to Drilling, well servicing and construction contractors within SIMOPS work frame established by Company.
- Very organised and able to ensure compilation and readiness of project documentation and deliverables for handover as systems are commissioned.
- Good in assessment, coaching and training local and multi-national personnel.
- Highly committed to HSE, plant safety and integrity and able to fully abide by Company's HSE regulations.
- Familiar with Jobs Risk Assessment (JRA), HAZID and HAZOP.
- Familiar and very knowledgeable in use of Permit to Work (PTW) systems, including equipment safe isolations, de-isolations and start-up, whilst ensuring that Company HSE policy is adhered to by all concerned parties at all times.
- Very good knowledge of computing and reporting software, i.e.: Microsoft platform, Internet languages, Intranet, multimedia, design and engineering and other work-related software.
- Very good flexibility and ability to work under pressure.
- Self-motivated and achievements orientated.
- Speak and write fluently: Arabic (native), French and English.

#### **PROFESSIONAL EXPERIENCE**

*Shell Gabon Rabi-Kounga-Toucan fields*

##### **Commissioning and Start-up Supervisor July 06 – Present**

- Co-ordination of the pre-commissioning and commissioning activities and their involved parties, including Contractors and Field (Permit) Supervisor. Writing of detailed commissioning procedures to ensure equipment is fully 'live' tested and performs as per design intent.
- Witness pre-commissioning and commissioning of all instrumentation loops, DCS-field communication, ensuring that all measurement and control systems operate as per design philosophy and logic, as per the "as-built" PEFS.
- Ensuring that all related activities are performed safely and the technical integrity of plant and equipment are secured
- Assist with the development of a commissioning package for all equipment.
- Ensure that all commissioning activities are carried out as per the Integrated Commissioning Plan and that the systems are operating as specified in the design and operating philosophy.
- Develop the detailed Operating Procedure for all equipment, based on operating Philosophy.
- Ensure that project documentation is compiled and ready for hand over as systems are commissioned and hydrocarbons have been introduced.
- Identify and co-ordinate field operator and maintenance training requirements, i.e. on the job and post commissioning.

*Occidental Petroleum Qatar*

**PS1-K Production Start-up Supervisor, 8/05 -12/05**

Actively supervised and participated in the start-up plan of the production facilities, i.e.: oil/gas water separation, gas-lift and gas injection, water treatment and injection. Trained newly recruited production personnel on DCS. Maintained excellent relationships with commissioning and construction departments. Continuously coordinated SIMOPS with Construction and existing production gathering facilities. Continuously promoting HSE awareness amongst production personnel. Maintained efficient communication and relationship with Head Managers.

*Petropars Ltd, Iran SPP1 gas field*

**Offshore Production Operations Supervisor, 9/04-7/05**

Participated in the pre-commissioning, commissioning and start-up of SPD2 satellite gas platform. Enhanced gas production by reducing carryovers on SPD1 gas treatment plant resulting in an increase of gas and condensate production. Reviewed and updated operating procedure guides. Maintained close relationships with Maintenance and Methods departments to carry out yearly planned plant shutdown and start up. Developed and Implemented production facilities parameters control, logging and analysis. Maintained smooth and safe operations of production facilities and their associated sub-systems. Organised on-job-training for local production personnel. Actively participated in process troubleshooting and suggested changes where and when required.

*Dragon Oil Turkmenistan Cheleken-Lam field*

**Offshore Installations Superintendent, 2/04-9/04**

Efficiently played the role of the focal point and custodian of the production facilities reporting to onshore Field Manager. Maintained production targets. Managed overall field budgets. Managed Production, Maintenance and Well services contractors. Maintained excellent and effective communication with head managers as well as with subordinates. Identified personnel training needs and arranged for tailored training sessions as per requirements. Managed spare parts and consumables for the day to day operations. Managed and coordinated SIMOPS (simultaneous operations) with construction, drilling and seismic operations on daily basis. Maintained and updated SIMOPS register for the jobs on production platforms and wells. Reviewed and updated operating procedures and developed new procedures for non-routine operations. Enhanced HSE records by implementing existing and new safety procedures. Managed newly drilled wells (Lam 106, 107, 108 and 109) start-up, testing and production. Managed well work-over (Lam10, 85, 63) start-up, testing and production. Efficiently managed crisis on all production platforms as when and where required.

*Total Qatar Al Khaleej field*

**SIMOPS and Production Supervisor, 6/01-12/03**

Efficiently played the role of key person and custodian of the production platforms and facilities giving excellent production and HSE results. Provided full assistance to the commissioning, field start-up and reception of the production facilities. Provided full assistance to Drilling and well servicing contractors, new wells kick-offs and start-up. Provided services and assistance to MPFM's (Multi-Phase Flow Meters) commissioning and start-up by Manufacturer and maintained a continuous performance and well-testing results monitoring. Provided services and assistance during installation, commissioning of newly drilled and completed wells including commissioning and start-up of ESP's (Electrical Submersible pumps). Assistance and during installation and start-up of RADA down hole performance monitoring systems. Managed effectively and efficiently the Permit To Work system (PTW) as per the company policies and SIMOPS laid down procedures and HSE regulations..

*Anadarko / Sonatrach Algeria Hassi-Berkine field*

**Process Tie-ins Engineer, 2000 - 2001**

In charge of Phase 2 process tie-ins, Produced step-by-step tie-in procedure packages. Kept close relationship and communication with all concerned departments to ensure feasibility, progress and availability of required resources and logistics for phase 2 tie-ins. Provided technical support and assistance to production department on various projects, such as: Phase 2 tie-ins, commissioning and start-up of phase II process units at Hassi Berkine (HBNS) oilfield, assisted in the commissioning and start-up of Water flooding (Axsia) unit, Tri-Ethylene Glycol (TEG) unit, Solar (Caterpillar) gas turbine driven gas compression plant extension, Marks V gas turbine driven power generation extension, and modification of Test separator to HP Production separator, Propose and implement process changes where deemed necessary.

*Anadarko / Sonatrach Algeria Hassi-Berkine field*

**Production and Process Development Specialist, 1998 - 2000**

Coaching, training and competency assessment of the local production personnel. Identified training needs and requirements for production personnel. Produced production training package on the following subjects: Production operations facilities such as separators, oil/gas and water separation, water treatment and injection; DCS, Instrumentation & control systems related to production facilities operations, Gas treatment facilities, compression and injection, Gas turbines operation and monitoring systems, Oil storage, metering and export, Production facilities monitoring and troubleshooting; etc. Provided technical services and assistance to Production and maintenance departments on various units planned shutdowns, de-commissioning and re-commissioning for inspection and maintenance with full adherence to Company HSE and regulations.

*Oil & Gas Engineers and consultants (OGEC) Tunisia*

**Company Manager, 1996 - 1998**

Consultancy services to oil producing and processing companies nationwide and worldwide.  
Manpower supply to Petroleum E/P Companies and local manufacturing industries  
Control and measurement equipment distribution.

*Shell Gabon Rabi-Kounga-Echira fields*

**Field Production Operations Supervisor, 1990 - 1996**

Supervised teams of Foreman, Production Operators, Well Services Engineers, and Contractors in the execution of all

production operations activities in Rabi and Echira oilfields, ensuring a full adherence to HSE and Company regulations at all times. Identified candidate wells for more frequent pigging and wireline scraping and maintenance operations resulting in an increase of production and decrease of wells downtime. Planned, organised and supervised the safe execution of production plants and units major shutdowns and isolations for cleaning, inspection and maintenance works. Managed and continuously monitored the effectiveness of the Permit to Work (PTW) system. Developed and implemented strategies for First Line and Preventative Maintenance executed by production personnel, resulting in a considerable decrease of equipment failures and downtime. Maintained a continuous competency and knowledge assessment matrix of production personnel whilst enhancing their knowledge by OJT and classroom in conjunction with the Training Department as per requirements, Effectively assisted in the pre-commissioning activities and start-up of new equipment and gathering stations prior to final amendment and reception.

Liaised with well services and construction departments and coordinated SIMOPS for new wells start-up and equipment revamping in the gathering stations. Implemented de-bottlenecking systems through flowlines and manifolds by re-circulating hot oil where and when required, resulting in performance increase of pipe works in the Gathering stations. Effectively participated in the phase II projects studies, commissioning and start-up, such projects were as follows:

Gathering Stations units revamping and extension, Gas compression plant extension, TEG (Tri-Ethylene Glycol) start-up, Power Generation extension, Gathering stations Electrification, SCADA and DCS systems installation and start-up,

Wells gas lift installation, start-up and performance monitoring.

#### *Shell Tunirex Tunisia*

##### **FPSO Offshore Installation Manager, 1988 - 1990**

Supervised and coordinated field operations including production, maintenance, logistics, safety, construction, terminal and marine, in accordance with the established Company objectives and policies. Minimized plant failures and down time by rationalizing overall field operations and maintenance, resulting in an increase of oil and gas production rates above Company objectives. Efficiently monitored field budgets and minimized overheads to acceptable levels. Identified personnel training needs and implemented training programs as per set training matrix, Reviewed and updated safety procedures and contingency plans in conjunction with Company safety department. Efficiently managed crisis when and where required. Maintained an excellent pro-active attitude among all working personnel.

#### *Shell Tunirex Tunisia*

##### **FPSO Offshore Production Planner, 1987 - 1988**

Responsible for production / maintenance planning and scheduling activities, Follow-up of crude oil stock availability for Cargo export, Follow-up of process change proposals and outstanding jobs, Planning and scheduling of plant planned shutdowns for inspection and maintenance, Scheduling of production well testing and data performance gathering and monitoring.

#### *Shell Tunirex Tunisia*

##### **FPSO Offshore Production Supervisor, 1985 - 1987**

Managed and monitored production wells performance. Provided hand-on assistance to enhance steam plant availability resulting in a decrease of plant failures and down time. Efficiently supervised cargo transfer and off-takes. Developed and written operating procedures guides. Coached and assessed production personnel knowledge and run OJT (On Job Training) sessions. Compiled and produced monthly reports, implemented First-line maintenance amongst production personnel. Supervised all production operations and well testing activities including steam plant, load management, cargo transfers and tanks cleaning. Provided assistance to Maintenance and third party contractors on daily basis and coordinated SIMOPS when and where required. Followed-up and ensured availability of spare parts and consumables at all times.

#### *Shell Tunirex Tunisia*

##### **FPSO Offshore Senior Production Technician, 1984 - 1985**

Responsible for the Central Control room activities and production operators shifts, Boiler and steam plant operations, Cargo tanks transfer, cargo tanks washing and cleaning activities; daily production and consumables reporting. Responsible for monitoring of production wells and well testing. Responsible for oil and gas separation and water treatment facilities. Responsible for equipment isolation and de-isolation for maintenance. Responsible for the Permit To Work system in the control room and its follow-up. Identified and reported any process or equipment upsets to the Production Supervisor.

#### *Shell Tunirex Tunisia*

##### **FPSO Production Technician, 1983 - 1984**

Executed all daily production routine activities i.e.: Well testing, oil sampling and laboratory analysis, rotating equipment first line maintenance, safety checklists and production parameters logging, Well head control panels operations; HLO assignment.

*SOGER Tunisia*

**Sales Manager**, 1980 - 1983

Distribution and installation of professional audio-visual equipment.

## Education & Training

- Baccalaureate Mathematics and Techniques,
- Mechanical Engineering (one year), Tunisian University (ENSET),
- Oil & Gas Production Operations, Shell Int. Holland (P1.12),
- Planning, Programming and Scheduling, Shell Int. Holland (P2.12),
- Production Operations techniques, OGCI London,
- Problem solving and Decision-making, Shell Int. Holland,
- Offshore Survival and Fire fighting, Montrose, Scotland,
- First Aid, RGT London,
- Environment Management System (EMS), Shell Gabon
- Rotating equipment condition monitoring and basic shaft alignment, Germany,
- Gas Turbines and compression plant control systems, Petrotech /Shell Gabon,
- Breathing Apparatus, Shell / Enterprise,
- Permit to Work System, Shell / Enterprise,
- Communication and inter-personnel skills, El Amoury Institute of psychology,
- Supervising safety, Shell Gabon,
- Unsafe Act Auditing (STOP), Shell Gabon,
- Unsafe Act Auditing (What If), Occidental Petroleum Qatar,
- Permit to Work system, Occidental Petroleum Qatar,
- HAZOP, Job Risk Management, Dragon Oil Turkmenistan,
- Accident / Incident investigations and reporting, Shell Gabon,
- Continuous self studies and development in computing software and Internet.

Yearly and / or bi-yearly refreshers in:

- Unsafe Acts Auditing,
- Supervising safety,
- Permit to Work System,
- Fire-fighting,
- H2S,
- First Aid.

## OTHER INFO

Sex: Male

D.O.B: August 4, 1955

Nationality: Tunisian

Marital Status: Married

Children: Four (4)- Two boys, Two girls.

Passport expiry date : October 2009

Hobbies and interests: Music, Reading, Computing, Sports, Travel.

Availability: 4 weeks notice.