

Key Areas of Expertise

- Managing Director. New/Rebuild business of Wire Wrapped Screens.
- Sales Director. Build-up the Oil-Gas-Mining department of German Water Energy Group with focus Europe.
- Sales Manager for Europe, Asia, and Africa. Introduce and establish new product from an industry outside the Oilfield.
- > 30 years Field experience in exploration and development projects (on- and offshore), in Europe, West-Africa, Asia, Middle East and North America.
- Geosteering experience with AziTrak™, AutoTrak™, LithoTrak™ StarTrak™, MagTrak™, Azimuthal GR/Density tools.
- Radiation Protection Supervisor.
- Field Logging Supervisor (LWD Systems).
- Senior MWD/LWD Engineer.
- Coordinator for the product line MWD/LWD, Central Europe District.
- Wellsite Geologist/MudLogger.
- Experience in Extended Reach Projects and Deep Water Drilling Projects.
- Introduction of new MWD/LWD technologies in the field.
- Directional Drilling. Drilling with Motors and AutoTrak™ besides the Geosteering job.

Professional Experience

FROM 04/2016 TO PRESENT

MSC RESOURCES

FOUNDER AND MANAGING DIRECTOR. MAIN FOCUS OF THE COMPANY IS ADVISING AND CONSULTING COMPANIES IN OIL & GAS, GEOTHERMAL, WATER AND MINING. THE SECOND AREA IS THE INTRODUCTION OF MACHINERY AND EQUIPMENT TO THE NAMED AREAS.

FROM 01/2022 TO PRESENT

MSC RESOURCES AB, SWEDEN

FOUNDER AND MANAGING DIRECTOR. MAIN FOCUS OF THE COMPANY IS ADVISING AND CONSULTING COMPANIES IN OIL & GAS, GEOTHERMAL, WATER AND MINING.

FROM 01/2024 TO PRESENT

SHUSMART EQUIPMENT TRADING LTD., ABU DHABI

FOUNDER AND MANAGING DIRECTOR. MAIN FOCUS OF THE COMPANY IS THE PRODUCT *EAZIGoFlo*[®] SAND SCREEN. A BORONIZED WIRE WRAPPED SAND SCREEN USED IN HIGH CORROSION AND EROSION ENVIRONMENTS. IT WAS DEVELOPED IN GERMANY BETWEEN 2020 AND 2002. SUCCESSFUL PERFORMANCE IN DIFFERENT PROJECTS IN MALAYSIA.

04/2015 TO 03/2016

GWE PUMPENBOESE GMBH

SALES DIRECTOR. BUILD-UP THE OIL & GAS BUSINESS FOR GWE GROUP. PRODUCTS ARE GRE PIPES FOR LANDLINES AND DOWNHOLE APPLICATIONS AS WELL AS STAINLESS STEEL PRODUCTS FOR DIFFERENT DOWNHOLE APPLICATIONS.

06/2014 TO 03/2015

BAKER HUGHES *INTEQ*

RESERVOIR NAVIGATION SUPERVISOR (GEOSTEERING). MAINLY IN CHINA AND KUWAIT. SEE MORE DETAILS BELOW.

01/2013 TO 06/2014

CON.SLOT 2.0 OIL & GAS SCREENS GMBH

MANAGING DIRECTOR. REBUILD THE OIL & GAS BUSINESS OF THE MOTHER COMPANY CON-SLOT SCREENS ENTWICKLUNGS- UND VERTRIEBSGESELLSCHAFT MBH.

01/ 2012 TO 12/2012

ESK CERAMICS GMBH, PETRO CERAM[®] SAND SCREEN

SALES MANAGER. THE PRODUCT PETRO CERAM[®] SAND SCREEN WAS DEVELOPED TOGETHER WITH MAERSK OIL IN DENMARK 2008. DUE TO THE GREAT POTENTIAL ESK CERAMICS DECIDED 2011 TO BUILD UP A SALES UNIT WITH EXPERIENCED PERSONNEL FROM THE OIL AND GAS INDUSTRY.

MY ROLE WAS TO INTRODUCE THE NEW PRODUCT TO CLIENTS IN EUROPE, ASIA AND AFRICA WITH PRESENTATIONS. FURTHERMORE I WAS RESPONSIBLE TO ACHIEVE THE BUSINESS PLAN, DEVELOP STRATEGIC MARKET PROSPECTIVE, AND TAKE PART IN FAIRS AND MEETINGS AND TRAIN UP MORE PERSONNEL.

1997 – 2011

BAKER HUGHES *INTEQ*

RESERVOIR NAVIGATION SUPERVISOR (GEOSTEERING), FIELD LOGGING SUPERVISOR (LWD SYSTEMS), SENIOR MWD/LWD ENGINEER, RADIATION PROTECTION SUPERVISOR, MWD/LWD COORDINATOR, DIRECTIONAL DRILLING.

Reservoir Navigation Supervisor (Geosteering) since February 2008.

- 20 horizontal wells in Long Beach (U.S.A.) for Oxy (Thums and Tidelands) and Warren in 2010/2011.
- 2 projects for Perenco in Gabon, January/February 2010.
- 6 projects for KOC in Kuwait in 2008/2009.
- 2 projects for ADCO in Abu Dhabi in 2009.
- 4 projects for Saudi Aramco in December 2008
- 7 horizontal wells in Bakersfield (Elk Hills), onshore in California for Occidental Petroleum Corporation from March to August 2008.

Field Logging Supervisor (MWD Systems), Senior MWD/LWD Engineer responsibilities include:

- MWD/LWD Engineer for over 100 exploration and development wells over 10 years.
- Involved in Pre-job and after-job meetings.
- Preparing and programming different MWD/LWD Tools for specific job requirements.
- Presenting and discussing logs with geological information to clients.
- Supervise and train offshore personnel and coordinate equipment.

Radiation Protection Supervisor responsibilities include:

- Offshore source handling and supervise personnel.
- Compliance with the regulations and license requirements applying to radioactive sources.
- In charge of liaison with German Government for licence requirements and its application.

MWD/LWD Coordinator responsibilities include:

- Proposed and coordinated over 40 wells between the Dutch North Sea and Siberia in Russia.
- Led a multi-international team of up to 20 employees. In charge of their development and training schedule.

- Coordination of personnel and equipment for offshore and onshore projects in Central Europe District, such as Germany, the Netherlands, Austria, East Europe, Russia and Azerbaijan.
- Support of Sales Manager during Presentations, Marketing Meetings with clients.
- Direct in charge of the revenues and profit for the product line MWD/LWD in the District.

1996 – 1997

SCHLUMBERGER, ANADRILL DIVISION

MWD ENGINEER

Responsibilities included:

- Drilled 3 wells over 0.5 years:
- 2 onshore projects for NAM and RWE-DEA AG and 1 offshore project for Shell in the North Sea.

1995 – 1996

GEO- DATA GMBH, GERMANY

WELLSITE GEOLOGIST/MUDLOGGER, DATA ENGINEER

Responsibilities included:

- Proposed and drilled 11 onshore wells over 2 years:
- 8 deep continental Zechstein and Rotliegend projects for BEB, Mobil, Wintershall and 3 Coiled Tubing projects for BEB and RWE-DEA AG.
- Preparation and description of rock samples and cores.
- Geological Reports, Mud and Drilling data Logs distributed to the clients.

Technical Experience

- Mittelplate Field – Extended Reach Project for RWE DEA AG in the biggest German oilfield. Drilled 3 onshore and 1 offshore wells. A Geosteering method with azimuthal Gamma Ray readings was used. Introduction of the Navigator tool, the AutoTrak system and the Annular Pressure tool (MAP) in **Germany**.
- Breitbrunn Field – Gas Storage project in South of **Germany** for RWE DEA AG. Drilled 7 wells onshore. First successful project with MWD Triple Combo tools in **Germany**.

- Vienna Basin – Oil exploration project for OMV in **Austria**. Drilled 9 wells onshore. For the first time a slim hole Triple Combo tool (SDN) was used.
- Kizomba A, Kizomba B, Xikomba Fields – Development and Exploration Project for Esso **Angola** in deep water. Drilled 21 wells offshore. Introduction of the new Baker Hughes *Inteq* MWD/LWD technology (OnTrak, AutoTrak G3, APX and TesTrak) and Surface Software (Advantage) in the Mid African Region.
- Introduction of the new APX technology offshore Norway for Norsk Hydro.
- Introduction of new satellite driven real-time data transfer WellLink for Shell in **Nigeria**.
- Chinguetti, Tiof Fields – Appraisal, Development and Exploration Project for Woodside Energy in deep water **Mauritania**. High profile project for Baker Hughes *INTEQ* with a new client and high level service (Quad Combo).
- Greater Plutonio Project – Drilled 16 wells as a Development and Exploration Project for BP in **Angola**. Deep Water. High Level service (PentaCombo).
- Drilling > 10 horizontal Wells in the Middle East, using AziTrak and StarTrak LWD tools.
- Oxy and Warren in California, **U.S.A.** – Drilled ~30 horizontal Production wells. Responsible for well placement in the reservoir and steer up to 3,200ft inside the reservoir. Using AziTrak tools.

Trainings

LOGISTICS TRAINING

2018 Verkehrsleiter (Traffic Controller) for EU

TECHNICAL TRAINING

2020 Training for Special GRE Connections, UK

2019 Theory and Handling of different GRE-Systems, The Netherlands

2012 Sand Control Training in Kuala Lumpur, Malaysia

2007 Log Analytic & Log Imaging Course in Luanda, Angola

2006 BTK, Bit Resistivity for Geostopping in Celle, Germany

2003 TesTrak™, Formation Pressure Testing while Drilling in Celle, Germany

2002 Acoustic Properties eXplorer, Advanced LWD & Evaluation Method in Houston, Texas

2002 OnTrak™/AutoTrak™ G3, latest MWD technology and rotary closed loop system (Generation 3) in Aberdeen, Scotland

- 2002 CCN/ORD Triple Combo Tools, Advanced Porosity Logging System in Aberdeen, Scotland
- 2002 Well Log Interpretation, Joseph F. Goetz (PetroSkills) in Celle, Germany
- 1999 Advanced Probe MWD Tools in Aberdeen, Scotland
- 1997 Propagation Resistivity in Aberdeen, Scotland.
- 1996 Basic MWD and LWD technics (6 weeks class) in Houston, Texas

INDUSTRY REQUIRED TRAINING

- 2006 Offshore Refresher Training (HUET etc), Angola
- 2005 Safety Leadership Course with BP, Angola
- 1999, 2002 Offshore Refresher Training in Rotterdam, The Netherlands
- 1996 Offshore Firefighting in Rotterdam, The Netherlands
- 1996 Offshore Survival Training in Rotterdam, The Netherlands

SOFTWARE TRAINING

- 2010 Advanced Reservoir Navigation Course in Houston, Texas.
- 2008 Earth Vision, 3D-Modelling Software.
- 2008 Introduction to Reservoir Navigation & Geosteering Software
- 2003 Surpac Vision, 3D Reservoir Modelling in Hannover, Germany
- 2002 Advantage, latest MWD Surface Software in Aberdeen, Scotland
- 1997 MSS, MWD Surface Software in Houston, Texas
- 1996 IDEAL, MWD Surface Software in Houston, Texas

Professional Societies

MEMBER

SPE

DGMK - Deutsche Wissenschaftliche Gesellschaft für Erdöl, Erdgas und Kohle e.V.

Deutsche Geothermische Vereinigung; German Geothermal Society

Education

MSc Geology & Geological Engineer, University of Hannover,
Germany - 1994

Diploma in Structural Geology of the Northern Alps - 1994

Personal Information

Nationality	German
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