

# Samuel Chinedu Martin Mbaeru

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Nationality: British/Polish

## Personal Summary

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Drilling and Performance Engineer with over 9 years of oilfield experience, including offshore, onshore, unconventional and factory drilling in over 5 different countries including United Kingdom, Norway, Poland, Lithuania and Thailand. I consider myself a technical and business minded person with a “can do approach” in solving engineering and business challenges. Keen to find a suitable position with a successful and ambitious team and company.

## EDUCATION AND TRAINING

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2009 - 2012	<b>ROBERT GORDON UNIVERSITY</b> <i>MBA Oil and Gas t Management</i>	Aberdeen, UK
2000 - 2005	<b>AGH UNIVERSITY OF SCIENCE AND TECHNOLOGY</b> <i>MSc. Drilling and GeoEngineering</i>	Cracow, Poland
1999-2000	<b>CRACOW UNIVERSITY OF TECHNOLOGY INTERNATIONAL CENTRE OF EDUCATION</b> <i>Polish Language – preparation program for post graduate studies</i>	Cracow, Poland
1992 - 1998	<b>FEDERAL GOVERNMENT COLLEGE IJANIKIN</b> <i>8 GCSE passes: English, Math, Further math, Chemistry Physics, Biology, Geography, Igbo</i>	Lagos, Nigeria

## Subject Matter Expert / Core Skills

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Project Management , Drilling Performance, Benchmarking, Drill Bits, Landmark D&C Suite (Compass, Wellplan, StressCheck), Data Management, Well planning, Permitting, Location Pad Construction, Contracts & Sales Management.

## KEY ACHIEVEMENTS

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- Training and mentoring over 10 DE's at in the use of Landmark EDT/EDM Suite.
- High performer and received awards and three promotions with increasing accountability and a fully paid scholarship to study an MBA in Oil and Gas Management by Halliburton Management.
- Chevron R&A Award for contributing diligently in the project management of Poland permitting and drilling pad construction.
- Presented in Chevron D&C Conference 2013: Pros/Cons between Wireline Coring vs Conventional Coring
- Managed 5 key contracts in (Bits, MWD/LWD, Directional Drilling (DD), Permitting and Location construction) sum of \$12MM per year. Initiated mini competition between service providers that reduced operating cost by 18% and standby cost by 73% for DD services.
- Managed bit contract valued of \$ 7-12 MM per year. Implemented proactive inventory management and direct purchase of bits that resulted in cost saving of \$0.25MM.

## EMPLOYMENT EXPERIENCE

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2014-Present **CHEVRON THAILAND EXPLORATION AND PRODUCTION** Bangkok, Thailand

*Title: Project Drilling Engineer / Bit Specialist*

- Led the planning of Abandonment, Well design and Drilling Engineering work plans for B8/32 Infill Projects in accordance to Chevron Thailand Project Management Development Process and milestones. Including Risk Assessment, Preparation of Cost/Time Estimation. Prepare and Issue Authorization for Expenditure (AFE). Use Management of Change process as required during planning and execution phase.
- Work closely with Asset Team Members, Completion group, Business Partners and Contractors to understand needs and wants and advice on values and trade-offs and its impact on project well cost and schedule.
- Led Office and Rig Pre-spuds meetings and during execution phase provide engineering support to Drilling Superintendents and Drill Site Managers.
- Led the review of well Drillability well plans for over 150 wells providing Bit/BHA recommendation/plan, tracking and analyzing Bit/BHA performance as well as engaging with operation during execution.
- **Key Accomplishment**
  - Delivered 24 wells (New platform) and 16 Infill wells - Incident Free Operation (IFO) with below 17% under AFE planned time and 13% under budget. (Total Nonproductive Time less than 5%)
  - Planned and executed over 16 well Abandonment and slot recovery and IFO and under budget.
  - Conducted bit performance studies on bit failure and re-run ability of bits resulting in savings of \$2.4 MM per year. Work with bit vendors in bit design for specific well application
  - Working on Bit Rental Business Model initiative that could result in potential savings of between \$1MM - 9MM per year based on utilization rate and well count.

2011-2014 **CHEVRON UNITED KINGDOM LTD / ONSHORE EUROPE** Warsaw, Poland

*Title: Performance Drilling Engineer*

- Part of ONS E D&C team that contributed in achieving all our Value Based Well Objective (VBWO), including an Incident Free Operation in both Lithuania and Poland.
- Develop, track and maintain performance metrics reports generation on D&C metrics. Wellview Champion – promote Wellview functionality and proper coding for cost estimation, technical limit and performance monitoring and improvement.
- Led all Onshore Europe (ONSE) work towards Business Unit WellSAFE certification. Championed Lessons Learned Improvement including manage and Implementation for Risk Uncertainty Management, Lesson Learned in ONS E.
- SME/Contract holder for Bits, MWD/LWD, Directional Drilling, Permitting and Location construction – Total Contract sum over \$12MM.
- Mentored Horizon FDE, TA and Performance Drilling Engineer
- Proactive member of Unconventional and Performance Network (representing ONS E D&C)
- **Poland Permitting and Pad Drilling Construction Leader**
  - Provided technical review and coordination of work, which represents all phases in the execution of drilling pad construction (3 –pad) responsibilities included 1) Responsible for the bid preparation and evaluation 2) Led the coordination, managing and tracking of required permits process 3) coordination of location design and construction, permitting support for

- Exploratory 3-5 wildcat wells. Managed one contractor (civil engineer) working in-house.
- These wells were located in highly environmentally sensitive areas (Natura 2000). 4) Inform/ advice Management and Asset teams on permitting issues and schedule impact 5) Support Public relation team with presenting D&C topic for Community Engagement and We Agree Campaign . Conducted with Public relation meetings – Local authority meetings. That helped closed gaps in permitting/communication protocol
- **Relief DSM/Company Man – Several 14 day hitches**
  - Rotate as Night DSM/FDE relief for ONSO Lithuania wells. As part development plan 2) Mentor FDE and DSM on Wellview and Lesson Learned
- **Key Accomplishment:**
  - Instrumental to the development of Poland Project Planning Tool that improve project cycle -time for permitting and pad location construction; this was later adopted by Rumanian Team with local tweaks.
  - Championed MaxDrill Processes/ Lessons Learned that improve drilling performance with respect of motor and bit selection that resulted in 25- 50% drilling time in Poland and Rumanian. Initiated RSS Mini Competition reduced Original Operating Cost - 18%and Standby 73% with zero cost to build the tool (original was \$326,000).
  - Conducted lean sigma study and captured areas of cost saving opportunities for up to \$4.00MM.

2011-2012      **HALLIBURTON / LANDMARK**      Aberdeen, UK  
*Title: Technical Sales Consultant - Drilling*

- Working closely with account representative in understanding customer needs and providing D&C technology solutions including project management of technology deployment, survey management, well design consultancy.
- Landmark D&C Application Development of D&C sales strategy. Preparation of technical SOW proposals for technology and services deployment. Sales revenue generation of over \$0.5MM

2008-2011      **HALLIBURTON / LANDMARK**      Aberdeen, UK  
*Title: Drilling Consultant Shell Real Time Operation Centre*

- Facilitating Collaborative well planning validating proposed well plan for Shell UK utilizing Landmark Drilling Suite for Torque & Drag Modelling, Hydraulics Optimization, Swab and Surge, Drill String vibration analysis.
- Mentoring & Training Drilling Engineers in Well planning (Compass), Design Modelling (Wellplan/Stress Check).
- R&A Award (MVP) for developing workflow that utilizes DecisionSpace for visualizing anchor pattern screening for spud location selection which help the operating company save in lead time for anchor pattern design

2007-2008      **HALLIBURTON / LANDMARK**      Aberdeen, UK  
*Title: Drilling Support Analyst*

- Front-line technical application support of all Drilling and Well Service Applications within Landmark Engineers Desktop (EDT) Suite.
- R&A Award (MVP): Recognized within Halliburton with Maximized Valued Performance Award (MPV) for effective and timing resolution of client issues related to landmark drilling software technical support issues.

2006-2007      **CORPORATE RECRUITER**      London, UK

*Title: Recruiter*

- Coordinating and Managing recruitment processes for quantitative related roles such Fund Managers, Portfolio Managers, Risk Managers, Quant research analyst, Research Analysts etc. Placed 2 quants reached analyst

2006

**HAWKER PACIFIC AEROSPACE**

London, UK

*Title: Tear Down Mechanic*

- Tearing down landing gears in accordance to SOP (Boeing 737,747,757,767,777 and DC10) for overhaul and repair (10 landing gears per month)

## **SKILLS / Competencies**

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- IADC Well Control Accreditation (2016)
- Landmark EDT Application (Compass, WELLPLAN, StressCheck etc) and Data Management
- Lean Sigma
- Drilling Engineering, Cementing, Well Abandonments, Reporting
- Project Management - Managing Project Successfully (AchieveGlobal)
- Chevron D&C Leadership Training
- Support Specialist Certification (SCP)

## **HOBBIES**

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Travel, Hiking, Skiing and Flying Model Planes

## **REFERENCES**

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References available on request.