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# IWAH EDIKAN BASSEY

## PERSONAL INFORMATION

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<i>State of Origin:</i>	Akwa Ibom
<i>Local Govt. Area:</i>	Ikono
<i>Sex:</i>	Male
<i>Marital Status:</i>	Single

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## SUMMARY OF PROFESSIONAL EXPERIENCE

Several years well-grounded and highly skilled engineering professional expertise in drilling and completion fluids, Liquid Mud Plant (LMP) operations and office work. Proven expertise in offshore and onshore drilling operations. Used different types of WBM (Bentonite spud mud, Bentonite/polymer spud mud, KCl/polymer mud, KCl/polymer/glycol mud), SOBM (drill in fluids, Syn-Teq Para system) and Completion fluids (CaCl<sub>2</sub> brine, KCl brine and NaCl brine). Executed mud programs, completion and work over fluids program. Prepared phase reports and end of well recaps. Formulation and troubleshooting of drilling fluids; achieve customer set targets and objectives. Uphold high standard of professionalism in health, safety and environmental procedures in the oil and gas industry. Resolve the common drilling fluids problems inherent and deliver the highest quality of long-term service. Good team player progressively toiled with asset teams.

## CHALLENGES ENCOUNTERED

Lost circulation (seepage, partial and total), kicks, gas and water influx, differential pipe sticking, over pressures shales, stuck pipe, hole pack off, tight spots, high deviated hole drilling, hole cleaning and bit balling.

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## PERSONAL SKILLS

▪ Excellent communication   ▪ Organizational & managerial   ▪ Team player & Leadership   ▪ Strong interpersonal   ▪ Innovation & creativity   ▪ Public speaking

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## PROFESSIONAL CERTIFICATION, QUALIFICATIONS, LICENSES & PERMITS

2022: OPITO Basic Offshore Safety Induction Escape Training (BOSIET)  
2022: Agile MBA - The Job Hackers Scrum Masters  
2021: Offshore Safety Permit (OSP)  
2021: International Well Control Forum (IWCF)  
2020: Basic Drilling Fluids Engineering Training  
2019: Helicopter Underwater Escape Training (HUET)  
2018: British Project Management  
2017: Health Safety and Environment (1, 2, 3)  
2015: PETREL Reservoir Engineering Training

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## EDUCATION

- 2023: Rivers State University, Port Harcourt.  
*Post Graduate Diploma in Petroleum Engineering (in-view)*
- 2022: Quantic School of Business and Technology, Washington DC, USA  
*Master's in Business Administration (Merit – 83%)*
- 2021: Gubkin University International Education Summer schools, Moscow, Russia  
*Sustainable Marine and Subsea Technologies*
- 2017: Federal University of Technology, Owerri.  
*Bachelor of Technology (B.Tech) in Geophysics, Second Class Upper Division (Honours)*
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## PROFESSIONAL EXPERIENCE

**2022 – Date:** Sterling Oil Exploration and Energy Company

### **Drilling & Completion Fluids Engineer**

#### **EXPERIENCE**

- Upheld a high level of safety and prevented pollution while preparing and conditioning of water base mud (WBM) and Oil base mud (OBM) on rig site to specification according to mud program for operators.
  - Daily monitoring and review of mud properties. Monitor daily drilling operations to reduce or eliminate problems with drilling fluids. Responsible for proper volume accounting and inventory reconciliation.
  - Prepare daily mud report, phase report and well recap and submit for review.
  - Maintain a list of Material Safety Data Sheet (MSDS) for all drilling and completion fluids chemicals on the rig site.
  - Report daily activities to the drilling supervisor and fluids team.
  - Work in tandem with drilling crew to ensure proper optimization of drilling fluids and solids control equipment, monitor and advise on good selection of shaker screens for drilling intervals.
  - Successful execution of drilling and completion fluids program as required by operator. Compliance with company and regulatory environmental standards; maximized performance and optimized use of solids control equipment on rig site, tested and report all drilling and completion fluid properties and parameters on daily reports; prepared phase and well recap as required.
  - Optimized drilling fluids based on specialized mud test to achieve maximum drilling fluids performance in a cost-effective way.
  - Ensured that operator's set goals, commitment and objectives are fulfilled by rendering professional advice in area of expertise.
  - Performed quality assurance of mud systems, monitor stock inventory of drilling and completions fluids and consumption.
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**2020 – 2022:** Librod Energy Services

### **Drilling & Completion Fluids Engineer**

#### **EXPERIENCE**

- Monitor and maintain drilling, completion and work over fluid properties to ensure that the well objective is met safely and efficiently.
  - Assist in the accomplishment of HSE policies on the Rig Site
  - Control accurate inventory levels of mud engineering equipment and materials to sustain effective drilling operations, decreasing costs and minimizing losses.
  - Conduct in-depth analysis in the mud lab on drilling, completion and work over fluids.
  - Exhibit and promote safety leadership while working with the mud crew on the rig.
  - Coordinate all fluid system activities to minimize costs, meet well objectives and ensure client satisfaction.
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**2019 – 2020:** Citadel Energy Resources Limited

**Trainee drilling fluids engineer/ mud lab technician**

- Worked as operations support engineer to the drilling fluids manager, operations manager and fluids coordinator.
- Assisted in tender bid compilation.
- Carried pilot tests on WBM and SOBM upon supervision by laboratory supervisor for clients.
- Carried out testing procedures on mud chemicals received from vendors.
- Ran mud checks on samples at the rig site upon instruction from the lead mud engineer.
- Took inventory of all drilling fluid products at rig site.
- Participated in HSE programs and drills at rig site and at LMP.

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**SUMMARY OF OTHER ROLES**

- **Logging Geologist**, Jimcol Resources Nigeria Limited – 2018 – 2019
- **Geophysical & Geo-informatics Engineer (Intern)**, Fugro Nigeria Limited – 2013 – 2014

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**HOBBIES:** Reading, Scrabble, and Traveling

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**HONOURS AND AWARDS**

Health, Safety and Environment (HSE) Recognition Award Jul. 2021

Shell Petroleum Development Company, Nigeria Limited.

Received an award in recognition of the successful completion of 3 years (1,105 days) contract without lost time injury.

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**MEMBERSHIP**

- Nigerian Mining and Geological Society (NMGS)
- National Association of Petroleum Explorationist (NAPE)
- Society of Exploration Geophysicist (SEG) – Nigeria Chapter
- Society of Petroleum Explorationist (SPE)

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**REFEREES**

**Engr. Mike Usim**

Shell Petroleum and Development Company (SPDC)

(Drilling Fluids Superintendent)

Email: mikeusim@yahoo.com

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**A. Theodore-Briggs**

Sterling Oil Exploration and Energy Company

Drilling Fluids Coordinator

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**Engr. Babatunde Salawu**

Shell Petroleum Development Company (SPDC)

Senior Wells Engineer

Tel: +2348036664463

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