

Arome Oyibo

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Education

Louisiana State University - Baton Rouge, LA

Aug. 2012 to Dec. 2014

M.S., Petroleum Engineering

- Graduate Research Assistantship, Shell Grant

University of Jos, Faculty of Natural Sciences, Nigeria

January 2002 to June

2005

B.S., Physics

Certifications

- Hazardous Waste Operations and Emergency Response (HAZWOPER): #425971
 - Wild Well Control Certificate (November 2013)
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Work Experience

Kimbrell and Associates, Baton Rouge, LA, USA

January, 2015 to Present

Petroleum /Environmental Engineer

- Design and implement well completion/work-over plans and procedures and ensure compliance with governmental regulations and company policies
- Develop blowout contingency plans and perform post completion appraisal for a variety of clients
- Provide technical support for asset teams on various projects to meet operators requirements
- Ability to correlate well logs to extract meaningful/useful geological and petro-physical data from well logs
- Perform environmental survey using survey meter and make recommendations for clean-up based on analysis of soil test results
- Mapping using GIS, Field sampling of soil and water, rresearch and analysis of well data, Commercial and Private SWD well permits for Louisiana

Louisiana State University - Baton Rouge, LA

May, 2013 to December, 2014

Graduate Research Assistant

- Conducted research on leaky oil and gas wells using different cement designs and carried out gas flow-through experiments on bench scale expandable tubular at elevated pressures
- Worked with oil and gas companies and oil tool manufacturers to test the functionality of the new technique on leaky wells and identified the possibilities for economic savings in their application
- Conducted well integrity test using different designs of oil well cement (foam cement, salt cement and light weight cement) and quantified the impact of mud contamination on cement-formation shear bond strength
- Coordinated the purchase, modifications and assembly of new components of the expandable fixture to simulate field-like conditions

Teaching Assistant

- Served as a teaching assistant for a Reservoir Fluids class of over 140 students and assisted with coordinating exams
- Advised undergraduate senior design team as a co-advisor on impact of mud contamination on cement-formation bond

Resident Manager - Graduate Housing

August, 2012 to December, 2014

- Act as liaison officer between residents and the university
- Report emergencies to proper authorities and notify Facility Services of all maintenance related issues

Halliburton Field Camp Duncan Oklahoma, USA

August, 2012 to September, 2014

Filed Engineering Trainee

- Completed course on various aspects of the oil industry such as drilling, production enhancement cementing, completions, well control, remediation and wire-line logging
- Learned the basics for the design of oil and gas tools such as drill bits, perforation guns, oil wells cementing tools etc
- Learned the basics of data acquisition from oil wells using logs such as gamma, sonic, resistivity and SP logs
- Experienced firsthand drilling, completions, work over and fracturing operation in an Oklahoma field

Guaranty Trust Bank Plc. Lagos Nigeria

May, 2008 to January, 2011

Assistant Banking Officer

- Managed asset portfolio of over USD100,000,000
- Managed a customer base of over 10 multinationals in the telecoms industry

Nigeria National Petroleum Corporation, NNPC-PPMC

Summer, 2003

Engineering Intern

- Participated in the maintenance and repair of pumps on crude lines from the fields to the refineries
 - Recorded flow rates and pressure variations on the flow lines
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Publications and Achievements

- 2nd place in student presentation competition at Deepwater Technical Symposium, New Orleans, LA (Aug 2014), title: "Impact of Tubular Expansion as a Solution for Microannular Gas Migration on the Petrophysical and Mechanical Properties of Cement."
 - Lead-author: "Comparative Experimental Evaluation of Drilling Fluid Contamination on Shear Bond Strength at Wellbore Cement Interfaces" *World Journal of Engineering*- December, 2014.
 - Lead-author: "Impact of Tubular Expansion as a Solution for Microannular Gas Migration on the Petrophysical and Mechanical Properties of Wellbore Cement" *SPE Drilling and Completion Journal*- Under review
 - Lead author/presenter at AADE Fluids Conference, Houston TX, USA (April 2014), title: "Impact of Physical and Chemical Mud Contamination on Cement-Formation Shear Bond Strength."
 - Lead-author at the 5th International Conference on Porous Media, Cona Hawaii, (Jun 2014), title: "The Use of Expandable Casing Technology as a Remediation to Microannular Gas Migration."
 - Lead -author: "Impact of Compression on the petro-physical and Mechanical Properties of Wellbore Cements Containing Salt" 49th US Rock Mechanics / Geomechanics Symposium held in San Francisco, CA, USA, 28 June- 1 July 2015 -Under review
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Activities & Trainings

- Society of Petroleum Engineers (SPE) LSU
- American Association of Drilling Engineers(AADE)
- Halliburton' Field Operations Training (August 2012)