

# Tolulope Oba-Akosile

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## PROFILE

I am an industrious and multitalented individual who cherishes change and personal development. I am a fast learner, and I appreciate every opportunity to solve problems.

Possessing a firm sense of responsibility, I am experienced in performing tasks independently as well as with a team, coping excellently with change.

## BIO DATA

<b>Sex</b>	Male
<b>Age</b>	22years old
<b>Date of Birth</b>	November 30th, 1994.
<b>Nationality</b>	Nigerian
<b>State</b>	Lagos State

## EDUCATION

Petroleum Training Institute, Delta state.

November 2013 - October 2015

OND Petroleum Engineering  
(Upper Credit)

**Relevant Courses;** Drilling Engineering Technology, Production Technology, Casing and Cementing, Well Completion, Petroleum Geology, Well Testing, Formation Evaluation, Fluid Mechanics, Thermodynamics, Industrial Safety and Exploration Methods.

### Academic Project;

**Project Title;** Directional Drilling

**Project Objective**

- Identify and discuss the function of each component of the BHAs used in drilling WILSON #2 directional well of Pan Ocean Oil Corporation.
- Analyze the BHA runs used of WILSON #2 Directional Well

**Description;** the Case Study used in the project was a directional well drilled by Pan Ocean Oil Corporation. I analyzed the BHA configurations used in drilling WILSON #2 Directional Well and how the various configurations were used to get the required trajectory. Also, I analyzed key BHA components that were used. Such as the mud motor, Drill Collars, NMDC, HWDP, UBHO and the Drilling Jar.

**Project Score;** A (79%)

Betgad Model College, Osun State.  
O'levels (WASSCE)

September 2006 – July 2012

## EXPERIENCE

### Addax Petroleum

Lagos, Nigeria

Intern, Asset Management Department

February 2016 – February 2017

I was attached to the Asset Management Department for a period of one year strictly to learn. The Asset Management Department of Addax Petroleum consists of Reservoir Engineers, Production Engineers, Geologists, Petrophysicists, and

the Technical Planning team. I was specifically attached to the Reservoir Engineering team. Also, I was able to learn about the other disciplines and what they do.

I was assigned a project in the Asset Management Department; To Deliver an Updated Material Balance Model of a Mature Reservoir in OML-124

Within the one-year period, I was opportune to visit and work in an Onshore Flowstation (OML-124 IZOMBE FLOWSTATION) for two (2) weeks.

I also participated in **WIRELINE operation** in the Izombe and Ossu field of Addax Petroleum OML-124

## **Skills and Knowledge Acquired**

- Learnt how to use MBal software to design material balance models of an Oil reservoir
- Generating lift curves using PROSPER (Petroleum Expert) software
- Learnt how to use Schlumberger Oil Field Manager (OFM) for making Well, Reservoir and Field performance plots as well as Reporting Production Data
- Learnt Well Completions and Artificial Lifting, Reservoir Rock and Fluid Properties, PVT analysis
- Learnt about Well Log Interpretation and how to read Geologic Maps
- Learnt Petroleum Economics
- Learnt about Petroleum Geology
- Proficiency and efficiency in Microsoft excel to carry out tasks such as; plotting production performance plots, inputting and analyzing general data using plots, charts and other Excel tools, analyzing FG and SG survey data, amongst others.
- Firm practical skills in using Microsoft Power Point and Microsoft Word

## **Responsibilities and Activities in the Flowstation**

- Occasionally carried out well testing on the wells around the Flowstation; reading off pressure from the tubing head, adjusting the choke to the instructed choke size, adjusting the Miler Choke for gas lift, reading off static and dynamic pressures from the Barton Chart recorder as well as changing the sheet and collecting well fluid samples for laboratory test
- Took hourly readings of temperature and pressure from the vessels in the Flowstation, and also the oil flow rate from the Flow Meter
- Changing the Daniel Orifice Plate
- Participated in a Pigging Operation
- Lined Wells from the manifold for test

## **Skills and Knowledge Acquired from the Wireline Operations**

- Learnt the procedure for rigging up the Surface Pressure Control Equipment (SPCE)
- Identified the different parts of the SPCE as well as their functions
- Learnt the procedure for shutting in a well for FG and SG survey
- Learnt how to isolate the SSSV from the Well Control Panel and keep it open with a hand pump
- Learnt some HSE practices of carrying out a wireline job

## **Project**

**Title;** Provide an Updated Material Balance Model of a Reservoir

**Objectives;**

- History match Reservoir Pressure and estimate current Reservoir Pressure
- Predict Tank performance
- Provide expected technical Reserve and expected Reserve till the end of PSC

### **Description;**

The Reservoir I worked on was a mature Reservoir, producing since 1975 with a total of 14 wells drilled (8 shut in; 6 producing), the RF is now about 42%.

The Reservoir has a medium strength edge Aquifer. Without any form of secondary recovery mechanisms, the Reservoir Pressure declined about 25%, steadied out and then inclined.

The Reservoir straddles two fields with 3 wells producing from each Reservoir. The field closer to the aquifer has watered out while the other field is still producing with low water cut and is structurally shallower.

### **Results;**

- Reservoir Pressure steadily increased as a result of the aquifer that is now kicking in
- The GOC and OWC have moved up
- An estimate of the expected Technical Reserve and Reserve to the end of PSC was provided
- Possibility of increasing oil production from the reservoir by bringing on wells that were drilled into the gas zone since the GOC has moved up.

## **SOFT SKILLS**

- Excellent communication skills
- Fluency in speaking English
- Microsoft Office

## **HOBBIES**

Swimming, meeting intelligent people, Researching, Reading, Adventure, listening to Music and Playing Musical Instruments, Brain Storming, Automobiles and technology

## **REFERREE**

Rasak Sunmonu  
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Addax Petroleum.  
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Petroleum Engineering and Geosciences Department  
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