

CURRICULUM VITAE

SURNAME: **ADEBAYO**
FORMER SURNAME: FAMODIMU
OTHER NAMES: **THOMAS AYOTUNDE**
SEX: MALE
DATE OF BIRTH: OCTOBER 23, 1968
NATIONALITY: NIGERIAN
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Phone Numbers; 2348033395330, 2348057761855

Years of Experience Industry- 2years Teaching-15years Consultancy- 2years

ADDRESS

RESIDENCE: Adebayo's residence, Foluwaso Close, Off Benja Street, Iyana Iyesi, Ota, Ogun State, Nigeria.

Permanent: Adebayo's Residence, Hon. Benjamin Street, off Ibori Road, Oghara, Delta State, Nigeria

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SCHOOLS ATTENDED WITH DATES

Covenant University, Ota, Nigeria (2008 -2012)
University of Port Harcourt, Port Harcourt, Nigeria (Jan. 1993-1995)
University of Lagos, Lagos, Nigeria (1985-1990)
Efon Alaye High School, Efon Alaye, Ekiti State, Nigeria (1981-1983)
Ekiti Parapo College, Ido Ekiti, Nigeria (1979-1981)

QUALIFICATIONS OBTAINED WITH DATES

Ph.D. (Petroleum Engineering) (Completed awaiting final defense)
M.Eng. (Petroleum Engineering) 1995
B.Sc. (Chemical Engineering) 1990

MEMBERSHIP OF PROFESSIONAL ASSOCIATIONS

Corporate Member, Nigerian Society of Engineers.
Member, Society of Petroleum Engineers

AWARDS

College Award for the best Lecturer in Petroleum Engineering 2009 by College of Science & Technology, Covenant University.

Exemplary Teaching in Petroleum Engineering by Petroleum Engineering Students Association, Rivers State University of Science & Technology. 1992.

OTHER TRAININGS

Computer Desktop repairs
Home Electrical Installations
Small Mechanical machine repairs (petrol engine and others)
Minor Civil Engineering works.

PUBLICATIONS

1. Adebayo Thomas Ayotunde and Kokogho Oyonvwike, *Oilsand Slurry As A Basic Drilling Mud (Modification of Rheological Properties of Imeri Oil sand-diesel Slurry As Oil-based Mud*, International Journal of Scientific and Engineering Research (IJSER), Volume 4, Issue 1, January 2013 (accepted for publication).

2. Adebayo, Thomas Ayotunde, Aria, Osiwi and Nwafor-Orizu Ezejalu, *Laboratory Study of Effect Of 1.0mm-Sawdust With Various Types of Viscosifier Additives On Properties of Oil-Based Drilling Mud*, International Journal of Scientific and Engineering Research (IJSER) Volume 3, Issue 8, August 2012
<http://www.ijser.org/onlineResearchPaperViewer.aspx?Laboratory-Study-of-Effect-Of-10mmSawdust-With-Variou-Types-of-Viscosifier-Additives.pdf>
3. Adebayo, Thomas Ayotunde, Experimental Study of Rheological Properties of Unprocessed Imeri Oil sand Slurries, Journal of Natural Science Research, International Institute for Science, Technology and Education (IISTE), (accepted for publication, July 2012)
4. Adebayo, Thomas Ayotunde, Nwafor-Orizu Ezejalu N and Aria Osiwi, *Experimental Study of The Change In Porosity of Imeri Oilsand Rock Contaminated With CO₂*, Chemical & Process Engineering Research, International Institute for Science, Technology and Education (IISTE), (accepted for publication, July 2012)
5. Adebayo Thomas Ayotunde, 2012, *Comparison of Performance of Standard Water-based and Oil-based Mud For Drilling Purpose During Carbon Dioxide Gas Kick From Adjacent Reservoir*, International Journal of Engineering and Technology (IJET UK), Vol. 2, No.5, pp.729-731 http://iet-journals.org/archive/2012/may_vol_2_no_5/7917713326178_abstract.php
6. Adebayo, Thomas Ayotunde and Chinonyere, Precious C *Sawdust As A Filtration Control And Density Additives in Water-Based Drilling Mud* International Journal of Scientific and Engineering Research (IJSER) Volume 3, Issue 7, July 2012 <http://www.ijser.org/onlineResearchPaperViewer.aspx?Sawdust-As-A-Filtration-Control-And-Density-Additives-in-Water-Based-Drilling-Mud.pdf>
7. Adebayo Thomas Ayotunde and Omemi Daniella Egure, 2012, *Experimental Study of The Change In Density, Viscosity And Acidity of Bonny Light Crude Contaminated With CO₂*. International Journal of Engineering and Technology (IJET UK), vol.2, No.7, July 2012, pp.1187-1189 http://iet-journals.org/archive/2012/july_vol_2_no_7/792577133862268.pdf
8. Adebayo Thomas Ayotunde and Olawumi Bukola Funke, 2012, *Experimental Study of CO₂ Contamination On The Porosity of Dry Kwale Field Reservoir Rock*. The International Journal of Science & Technology (IJST UK), vol.1, no.7, pp.343-345
9. Adebayo Thomas A., Harrison Oluwaseyi, Olusoga Opeyemi and Igweze Augusta, 2011, *Experimental Study Of The Effects of CO₂ gas kick On The Properties Of Water-in-Oil Emulsion Drilling Fluid*, International Journal of Engineering & Technology (IJET-IJENS), vol.11, No.4, pp.133-137. http://www.ijens.org/Vol_11_I_04/1110204-8686-IJET-IJENS.pdf
10. Adebayo Thomas A. and Ajayi Olusola, 2011, *Unprocessed Ota Kaolin As A weighting Additive In Drilling Fluid*, Asian Transactions On Engineering (ATE), Vol.1, issue 3, pp. 23-26. <http://www.asian-transactions.org/Journals/Vol01Issue03/ATE/ATE-20106033.pdf>
11. Adebayo, Thomas A., Oyelade Fiyinfolu and Oloruntoba Owolabi, 2011, *Extraction and Blending of Nigerian Oilsand Crude With Bonny Light Crude For Flow Quality Enhancement*, Journal of Emerging Trends In Engineering and Applied Sciences (JETEAS), vol.2, no.3, pp.545-548.
<http://jeteas.scholarlinkresearch.org/articles/Extraction%20and%20Blending%20of%20Nigerian.pdf>
12. Adebayo, Thomas A. and Imokhe Omolegho, 2011, *Tiro (Antimony-Sulphide) And Potash As Local Substitutes To Imported Barite And Lignosulphate In Drilling Mud Weighting Additives*, International Journal of Engineering and Technology (IJET-IJENS), Vol.11, issue 3, June 10, pp138-142.
13. Adebayo Thomas A. and D. A. Kazim, 2011, *Comparison of The Rate of Extraction of Synthetic Crude From Nigerian Oilsands Using Various Solvents*, Asian Transactions On Engineering (ATE), Vol.1, issue 2, pp.68-71.
14. Adebayo, Thomas A., Omotola Balogun, Igweze Augusta and Harrison Oluwaseyi, 2011, *Alteration Of Oil-Based Drilling Mud Properties Due To Contact With CO₂ Gas Kick During Drilling*, Asian Transactions On Engineering (ATE), vol.1, issue 4, pp.43-47 <http://www.asian-transactions.org/Journals/Vol01Issue04/ATE/ATE-10113042.pdf>

15. Adebayo T. A., 2004, *General Overview Of Petroleum Engineering*, Sherbrook Publishers, Port Harcourt, Nigeria.
16. Ademiluyi F. T. & T. A. Adebayo, *Fuel Gases From Pyrolysis of Waste Polyethylene Sachets*, J. Applied Science Environmental Management. June 2007, Vol. 11 (2) pp.21 - 26
17. Ukpaka C. P. & T. A. Adebayo, 2007, *Mathematical Modeling Of Rheological Response Of Salt Water Flowing Through A Tube*, Journal Of Science & Technology Research.
18. Ukpaka C. P., T. A. Adebayo, P. N. Ikenyiri, 2007, *Mathematical Modeling Of Cooling Rate Of Dehydrated Lime*, Journal Of Science & Technology Research.
19. Ukpaka C. P., H. A. Ogoni, S. A. Amadi, T. A. Adebayo, 2005, *Microbial Modeling Of Microbial Growth And Decay Rate Of Pseudomonas Species On Biodegradation Of Bonny Light Crude Oil*, Global Journal Of Pure And Applied Sciences, vol.11, No.3, pp.423-431.
20. Ademiluyi, T. & Adebayo T. A., 2004. Production of ethylene monomer from pyrolysis of polyethylene wastes. Nigerian Society of Chemical Engineers Conf. Proc. 34, Port Harcourt, Nigeria, pp. 107 –112.

TRAINING

ECLIPSE (Reservoir Modeling)

SAPHIR (Well Test Analysis)

Church Leadership Training in Mentoring and counseling of group of over 100 persons. (13years experience)

CURRENT RESEARCH

- Application of Nigerian oilsand in crude oil exploration.
- Research involves the effect of injected CO₂ on Niger-Delta reservoir (oilsand, kaolinic rock, shally sandstones), water, oil and rock matrix.
- Practical small wind energy generator.

JOB EXPERIENCE

Covenant University, Ota, Ogun State, Nigeria. (Lecturer I in Petroleum Engineering). Undergraduate student project coordination and supervision, Undergraduate Laboratory I coordinator, Teaching of Reservoir Engineering courses and Computer Applications, Jan. 2008 till date.

Rivers State University of Science & Technology, Port Harcourt, Nigeria, (Lecturer II in petroleum Engineering). Teaching of Drilling, Reservoir simulation, Numerical/Computer Techniques, Geology and geophysics. Examination Officer, 1998-2008

Niger Delta University, Amasoma, Nigeria, Part time Lecturer in Petroleum Engineering courses. 2006-2007

Laser Engineering And resources Consultants Ltd. Port Harcourt, Nigeria, Reservoir Engineer. (Analysis of Well Test Data using SAPHIR and Reservoir Simulation modeling), 1996-1997

University of Port Harcourt, Nigeria, Part-time Lecturer, Dept. of Science Lab. Technology, 1995-1998

Raw Materials Research and Dev. Council, Lagos and Ondo State Liaison Office, Nigeria, Scientific Officer (raw materials sourcing, utilization and preparation of pre-feasibility studies), 1990 - 1993

HOBBIES

Counseling

Computer troubleshooting and repairs

Electrical/Mechanical Repairs.

House building craft.

REFEREES

Prof. Churchill Ako, College of Science & Technology, Covenant University, Ota, Ogun State, Nigeria.
(churchillako@yahoo.com, 2348037170511)

Dr. David Orodu, Department of Petroleum Engineering, Covenant University, Ota, Ogun State, Nigeria,
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