It has been rewarding!

I welcome all members to the 2nd edition of the SPE Lagos Section 61 newsletter. The section board took the decision to publish a quarterly newsletter for the section during the 2012/13 inaugural board meeting. We realized that some of our members do not have the opportunity to attend all the section activities and the only way to keep them updated of the section programs is to publish it in a newsletter. I will encourage you to read through the newsletter to acquaint yourself with the section activities.

As I approach the end of my term as SPE Lagos Section 61 chairman, I pause to reflect on how it all started. This was not in my thought when I became a professional SPE member in 2003. My journey in SPE leadership role began in 2007 when I reluctantly accepted to serve in the 2007/2008 board year as the student affairs chairman. I never thought that the journey will continue to 2012 as the section chairman.

When I was nominated and elected the section chairman during the 2012 AGM it became clear to me that I was to lead a professional body with global reputation on its technical programs and other membership activities. I knew this was a big challenge for me to combine this volunteer role and my job. Also elected alongside with me were young engineers in the industry, it became apparent to me that the only way to succeed in this assignment was to define the expectations and goals for the board members. It was very interesting to see the excitement on the faces of the board members who attended the inaugural board meeting after I communicated what was expected of us. Different committees were constituted to pursue the set goals for the board year.

Today we can see the result of the commitment of the board members to meet the set goals. We achieved growth in attendance of the section monthly technical meeting to about 160 participants. This is the highest attendance in a technical meeting. Our strategy to get senior professionals to attend section activities was successful as we noticed growth in number of retired/senior SPE members in our monthly technical meeting.
### June 2013

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### Mark Your Calendars

- **6th June** - technical meeting sponsored by SNEPCo
- **26th June** - technical meeting sponsored by SEPLAT
- **19th July** - Annual General Meeting
- **30th July—1st August** NAICE 2013 Conference

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**Forward by 2012/13 SPE Lagos Section 61 Chairman (Contd. From Page 1)**

The topics shared in technical meetings were selected to meet the need of members. The Young Professional experienced growth in its programs. The section website had been improved with enhanced features and relevant information. We aggressively utilized the advantage of social media to communicate our programs both at local and international level. The Lagos Section was the first SPE section to be featured in section interviews by SPE Europe and Sub-Saharan Africa published in the regional web site. The section nominated individuals and corporate organizations for SPE International awards. The communities we work were not left out in our program as we shared the vision of SPE to different orphanage homes and donated items to support these homes. The Energy4me and the Ambassador Lecture Programs were delivered in several schools. For the first time in the history of SPE in Nigeria, the section hosted two SPE International presidents – Dr. Ganesh Thakur and Mr. Egbert Imomoh. It was rewarding for me and we would continue to share the result in the next edition of the newsletter.

Our society has an impressive legacy and a bright future. We would continue to pursue the vision of SPE by continuing the existing programs and developing new programs to meet members needs. This will not be possible without your support and participation in the section activities. Together we will continue to make it a society of achievement and respect in the industry. I am looking forward for your support and the great result we will achieve together.

On behalf of the section board and its members, I want to thank members of the editorial committee for their commitment to putting this newsletter together.
We have individuals who are contributing and supporting the growth of SPE behind the scene. These individuals cut across the industry. These are SPE members whose interest is to ensure there is growth in the technical capability of young engineers in the industry, and there is continuity in SPE. It was considered very important to hear the views of these people about SPE today and the future. Very important to the board was to use the interview of these individuals to also encourage young engineers to remain focused in their chosen career and work as professionals. The section board is pleased to present an interview with one of such people in this issue. Please read below an interview with Mr. Cosmas Iwueze, General Manager, JV Exploration and Asset Development of Chevron Nigeria Limited.

Cosmas Onuabuchi Iwueze hails from Imo state. He was born as second child of his parents out of 4 children. He has two sisters. His primary and secondary educations were in Imo state. His 1st degree was in University of Ibadan. He joined Chevron in 1990 and has been part of this organization till date. He is married to Chika and they are blessed with 4 children – a boy and 3 girls.

Q: How did you start your journey into the E&P industry and SPE respectively?

A: I had my secondary school education in Imo State, and went ahead to have my first degree in University of Ibadan. I started work in Chevron about 1990. My career progression started as a Petroleum Engineer then I moved on to be a lead Petroleum Engineer. After 2 years, I went to the US on my first assignment in 1992 for six months as a Trainee Simulation Engineer. I returned with my lead petroleum engineering role until 1996 when I returned to the US for a 4-1/2 years assignment. In the first phase of the assignment, I worked for Chevron Technology Company as a Consultant Reservoir Simulation Engineer for 2 years. Then I was posted to our headquarters in San Ramon where I worked as a Production Engineer for the Angola Business Unit. I obtained MBA from the Golden Gate University in San Francisco while working in the US. On my return to Nigeria, I was made Commercial Coordinator for Gas in Chevron Nigeria. Two years later, I became the Crude Oil Commercial Coordinator where I was involved with contract writing and scheduling of crude oil lifting activities. After 2-1/2 years I was made Project Manager for a Major Capital project in the facilities engineering group of Chevron Nigeria. About a year later I became Operations Superintendent for the South Offshore Asset based in Escravos. Two years later I became the Asset manager for the North Offshore Asset, based in Lagos. After about 1.5 years, I became the Planning Manager for the Nigeria Mid-Africa Business Unit of Chevron reporting directly to the MD. One year later, I became the Offshore Asset Manager (combining the North and South Offshore Assets). I was in this role for about 2 years. Afterwards I took on the role of Technical Adviser to the Presidential Special Adviser on Petroleum Matters. This role was done for 1 year and I was based in Abuja. After this position, I took on my current role as GM JV Exploration and Asset Development Chevron Nigeria.

My involvement with SPE started back in my University days. In 1986, I was the SPE Secretary for the University of Ibadan Student Chapter. I worked with NYSC at that time to ensure all graduate students were posted to the oil and gas industry. I joined Lagos Section once I moved into Lagos, and I continued to encourage Young Professionals and colleagues to participate in SPE. In US, I was the Section Secretary for the Golden Gate Section of SPE (covering the Bay Area of California). I was also the interim President of the Section before I moved back to Nigeria.

In Nigeria I have chaired several meetings. Also I have contributed to providing leaders for Lagos Section 61 such as Francis Nwochei and Adagogo Jaja.

Q: What role has SPE played in your career?

A: SPE provides books at lower prices than can be got elsewhere. This helped me in my early career days to build technical knowledge. SPE was an avenue for exposure. By attending meetings and conferences, listening to presenta-
Olivier Houzé was in Lagos Section to present distinguished lecture on the topic “Methods and Workflows to Process Dynamic Data in Intelligent Fields”. Mr. Olivier’s presentation highlighted the required data for dynamic analysis and sources of data such as permanent downhole gauges. The presentation also highlighted issues on dynamic data analysis such as data overflow, information overflow, and scarce human resources and anticipated crew change.

Nnaemeka Ezekwe was in Lagos Section to present distinguished lecture series for May 2013 on the topic “Advances in Reservoir Management Technologies”. Mr. Ezekwe shared five major areas of technology advances in reservoir management. The presenter said advances in technology has improved reservoir management practices through data acquisition and analysis.
Interview Cosmas Iwueze, GM JV E&AD Chevron Nigeria Limited
Continued from Page 3

Exposures and asking questions, such exposure emboldened me for my career.
SPE provides an opportunity for networking. There is so much value in meeting and working with people, sharing ideas, and from there I have been able to build on other ideas to improve myself on the job.

Q: Please share with us how you manage your responsibilities as GM JV E&AD Chevron and still remain committed to SPE activities.
A: The only way I could achieve such balance is to be supported by good people who are empowered and whom I could delegate to. This starts through employment [at the recruitment stage], providing rigorous training programs (both on the job and classroom trainings) and exposing the people to different parts of the industry outside their core functions.

Q: What do you find to be the most pressing business challenges today in Nigeria, and how can SPE be of help?
A: Some of the challenges that are impacting on our industry today include:

a. The Government has a lot of overlap on activities and do not have the kind of structure we see in our industry. They would need more structure to improve their processes.

b. Long contracting processing (which takes more than 2 years). This does not enable us to carry out projects on time.

c. Methodology the government uses for booking of reserves. While the rest of the world has moved on, Nigeria is still using the 1989 method for booking reserves. As a result, most companies have to keep two books — one for the Nigerian Government and one that is acceptable in other parts of the world.

d. The uncertainties surrounding the PIB have been causing some delays in projects, drilling of wells and exploration. As a result, production is on the downward trend.

e. Funding is another key issue militating the industry. The SPE can help to make government see the need to appropriately fund the industry.

f. Security of life and property — though improvements have been made in this area, there are still major incidents of pipeline vandalism and oil theft.

What SPE can do is to come up with a structured approach to what we would like of the government, and provide them with professional advice.

Q: What is your view on Oil theft as a challenge facing Nigeria today?
A: This is indeed a challenge in our industry today but the government has taken some steps to reduce oil theft by addressing militancy. However it is the role of the government to develop and empower the people if they want to eradicate this issue of oil theft in Nigeria. The oil and gas industry is already contributing a lot in this regard as part of their corporate responsibility activities.

Q: What outlook do you envisage for the oil and gas industry in Nigeria and SPE in general?
A: All over the world, we see or hear of fields that have moved to tertiary recovery stage while in Nigeria we are still in the primary recovery stage. The future is indeed bright for Nigeria. We can also start considering alternative means of energy, though at the moment none of these sources are as available and as cheap as oil and gas.

We stand to gain if we have a structured legal system. The PIB needs to be friendly to investors. Security in the country and incentives for investors need to be put in place.

Q: Are there any words of advice you would like to leave for the Industry’s New and Young Professionals based on your experience so far?
A: Just a few words: They should make the best of what they are doing today. Enjoy what you do, find passion in it, and opportunities will come from what you are doing today.

Thank you very much, Mr. Iwueze, for sharing your experience and these words of advise. — Editorial Team.
Highlights of Distinguished Lecture: Prof. Patrick Hudson

Prof. Patrick Hudson of Leiden University, Delft University of Technology The Netherlands was in Lagos Section to present distinguished lecture on the topic “Managing Non-Compliance in an Advanced Safety Culture”. Above is a picture of Prof. Patrick Hudson with SPE Lagos Section Members.

Highlights of Technical Meetings: Orientated Perforation for Improved Productivity

Schlumberger sponsored the section’s January technical meeting. This was presented by Kamaljeet Singh and the topic was “Orientated Perforation for Improved Productivity”. The presenter highlighted the industry need such as sand management, perforating for fracturing, oriented perforating, dual completions, and multilaterals completions. Mr. Kamaljeet shared the value of oriented perforation to solve the industry need. Above left is Kamal with Section Members. On the right, he presents.
Baker Hughes sponsored the February 2013 technical meeting which was presented by Okechukwu E. Ogbazi. The topic was on “Advanced Borehole Acoustics: An Indispensable Tool in Constructing and Producing High Risk Wells”. The presentation highlighted the application of acoustic tools in drilling and completion of high risk wells. The presentation also shared the value of acoustic tools in ensuring good reservoir management practices. Pix on the left show audience listening. On the right is Okechukwu with Section Board members.

Addax Petroleum sponsored the section April technical meeting. This was presented by Olumuyiwa Awojuyigbe and the topic was "Indirect Water-Flooding via Gas Injection into Aquifer – The Nda Success Case”. The presenter highlighted how injection of gas in the aquifer helped in pressure maintenance and improved recovery. Pix on the left shows participants. On the right, Mr Awojuyigbe answers questions from the audience.
The 2013 SPE Nigeria Annual Oloibiri Lecture Series & Energy Forum held on 14th March 2013 at the Civic Centre in Lagos. Representatives of government regulatory agencies, heads of Oil & Gas producing and service companies as well as a subject matter expert from the Louisiana State University’s Centre for Energy Studies treated attendees to technically focused presentations on the impact on Nigerian petroleum industry of increasing global discoveries and successful production of hydrocarbon resources from hitherto unconventional sources. A very active panel shared thoughts on government and other stakeholders’ aspirations for growth in indigenous participation in the petroleum industry in Nigeria and the progress made after 10 years of the award of licenses. The panel comprising successful indigenous operator, government representative from the Department of Petroleum Resources and head of service company, with contribution from a very enthusiastic audience made up of MDs and CEOs of IOC and Service companies in the oil and gas E&P industry, identified a value gap requiring enabling legislation, funding and manpower solutions as catalysts for realization of the growth aspirations.

In the ensuing discourse of the Unconventionals, the annual lecture while noting the unfolding reality of declining demand from traditional markets due to increasing shift to development and or import of cheap and abundant hydrocarbon resources derived from unconventional sources, felt strongly that the situation presents more opportunities as it offers the impetus to develop our own unconventional hydrocarbon resources, to strive to become a leading low cost and reliable oil and gas producer and supplier, and to change our industry orientation from export-only to more in-country processing and value adding.

The event was co-sponsored by the Shell Petroleum Development Company (as its traditional sponsor), Nigerian Petroleum Development Company, Addax Petroleum Development Nigeria, Oando Energy Resources and Schlumberger Nigeria Limited.

The lecture is titled “Oloibiri” to honor the Oilfield and Community where Nigeria’s first crude oil export came from in February 1958.
SPE Courtesy Visits Held In Lagos

SPE Courtesy visit to WalterSmith

Present from Waltersmith Petroman were Abdulrasaq Isa, Danjuma Saleh, Ayokunle Okunsanya and Peter Ekhaesomhi.

Those from the SPE team were Osayande Igiehon, Jaja Adagogo and Innocent Ohimor.

WalterSmith expressed their commitment towards the following SPE events: Oil Industry Night, Marginal Field Workshop and will exhibit at NAICE 2013.

Their expectation from SPE is that SPE should be a voice to garner support for Nigeria content. They enjoined SPE to share values/opportunities beneficial to WalterSmith.

SPE Courtesy visit to Afren

Present from Afren Nigeria were Adebayo Ayorinde (MD), Mike Gutkoski (COO), Taiwo Olushina, Obehi Eremiokhale, Okon Akpan, Wale Ajao and Abasikefere Nseobot.

Members of the SPE team present were Osayande Igiehon, Jaja Adagogo, Dave Nwosu, Okwuoma Nnajofo, Isaac Ogunade and Innocent Ohimor.

They expressed commitment to sponsor a program during NAICE 2013. They plan to will exhibit at NAICE 2013 and will provide resource persons for the Technical Sessions.

Their expectation from SPE and NAPE is that these professional bodies should champion a cause to garner support for award of oil blocks to industry professionals.

SPE Courtesy visit to Sahara Energy

Present from Sahara Energy were Olurotimi Bright (PE Mgr), Nurudeen Ibrahim, Oludewa Awani, Chukwudi Obeta, Adewale Sansusi, Ugo Okoli, Ola Adesanya and Mohammed Ugonoh. The COO, Curtis Cohen, sent his regrets for not being able to attend.

The SPE team members present were Osayande Igiehon, Jaja Adagogo, Dave Nwosu, Abasikefere Nseobot and Innocent Ohimor.

Sahara Energy expressed future interest to sponsor and exhibit during NAICE. Oludewa Awani was nominated as a focal point for the organization and plan to send some of their staff for the NAICE short courses.

Their expectation from SPE is to be kept updated with upcoming activities update to enable them participate.
Young Professional’s Activities: Ambassador Lecture Programs

Between February and May 2013, the Section 61 Young Professional’s Subcommittee for Engaging with Students organized four (4) Ambassador Lecture Programs. The pictures below give a summary of the ALP events.

The ALP at Unilag was given by Francis Nwochei of Chevron Nigeria Ltd on the 1st of February, 2013. His presentation reiterated on the vast resources available to students through SPE membership. Picture above left shows Francis, YPs and the Unilag Students. The ALP at UI was given by Dave Nwosu of Oando Energy on the 23rd of March, 2013. His presentation was focused on the opportunities and benefits associated with being an SPE member. Picture above right shows Dave, YPs and the Students of University of Ibadan.

The ALP at Covenant University was given by Idris Olatunji of SNEPCo on the 27th of April, 2013. The students were encouraged to attend technical lectures, workshops and other SPE events which will provide an opportunity to network with diverse individuals in the industry. Picture above left shows Idris, YPs and some CU students who won gifts during a quiz session. The ALP at LASU was given by Ehimhen Okoh of SNEPCo on the 25th of May, 2013. Her presentation was focused on the SPE opportunities and benefits available to Students. Picture above right shows Ehimhen, YPs and the Students of LASU.
Young Professional’s Activities: Networking and Social Events

In order to promote networking and social interaction between YPs, Students and Senior SPE Members, some events such as Bridge Event, YP Career Workshop, Go-Karting Day and a Football Match were held. Please see pictures below.

The YP Career Workshop was on “Advancing From A Technical Career To A Managerial Career: Tips, Challenges, Pros and Cons”. The Special Guest Speaker was Engr. Alek Musa, the MD/CEO of FlowGrids Nigeria Ltd. Picture above left shows Engr. Alek Musa, some YPs and student chapter executives present at the workshop. A Bridge Event was held to introduce students to some disciplines in the E&P industry. YPs made presentations on Reservoir Engineering (by Femi Odusote), Petrophysics (by Gbemilek Olagbende-Dada), Drilling (by John Okoroafor), Completions (by Rita Okoroafor on behalf of Nnenia Eze), Production (Dave Nwosu), Facilities Engineering (by Emmanuel Etoh) and HSE (by Olutayo Adeniji). The picture above right shows a cross section of students and some YPs listening to the presentations.

The picture above left is one of the Go-Karting social event. The essence of this event was to create an informal forum that would enable the “student members” benefit from the experience, expertise and mentorship that the YPs had to offer. The Kicking-For-Safety football event brought another opportunity for Esprit de corps yet reminding the YPs and Students of the need to imbibe safety both at work and in their personal lives. The picture above right shows some of the players after the match.
Student Chapter News: Student Technical Conference and Exhibition

The student conference was held in Nsukka (University of Nigeria) from the 4th to 6th of April, 2013. Temitope Oshuntuyi and Olatunde Kuku represented the Lagos section board during the conference.

The conference was successful. The Lagos Section Student Chapters made the section proud.

24 student chapters participated in the conference, including all the five student chapters from Lagos section. Two competitions were organized during the conference — PetroQuiz and Student Paper Contest. The University of Lagos came first in the Petro Quiz competition, while University of Ibadan maintained their first position in the paper presentation competition (University of Ibadan has been winning the paper contest consecutively since 2008).

The 3rd position in the Student paper contest went to University of Ibadan. For the PetroQuiz, Lagos State University took fourth position.

Energy4Me Programs: Lekki Peninsula College

Below left, the students listen to the Energy4Me presentation with enthusiasm. On the right are the YPs (with Student Affairs Chairpersons) with Prefects of the school after the Energy4Me program.

Energy4Me Programs: Arrows of God Orphanage

Below left, Rita Okoroafor prepares for the lesson. On the right, pupils and students at the orphanage take notes.
Student Chapter News—University of Ibadan

The University of Ibadan Student Chapter organized a Catch Them Young program for 27 schools in Ibadan. The schools were grouped into three zones, each zone having nine (9) schools.

The purpose of the program was to create awareness about petroleum engineering in secondary schools in Ibadan and also to enhance academic excellence by engaging the students in quiz (Mathematics, Physics, Chemistry and Petroquiz) and oratory contest.

The zonal contest took place from 25th-27th February, 2013. Winners from the zonal level converged at the Department of Petroleum Engineering, University of Ibadan for the Grand finale on the 28th Of February, 2013. At the end of the day, Oritamefa Baptist Model School, Total Garden, Ibadan, came first.

SPEUI presented a brand new HP Printer to the winner while the schools that came 2nd and 3rd went away with science textbooks. Over Three hundred (300) students took part in the program.

Picture on the right shows the Grand Finale held at University of Ibadan.

Student Chapter News—Covenant University

SPE-CUSC members with Mr Ani Bonaventure (Total Nigeria) during the SPE-CUSC Week 2013 (Picture above).

SPE Covenant University had their student’s week with program theme of “IMPROVING THE EFFICIENCY OF THE ENERGY SECTOR BY INCREASING THE QUALITY OF THE ACADEMIA RELEASE”.

Following the SPE Week was the Catch Them Young program which held on Wednesday, March 27, 2013 at the Leadwell Academy hall Ota with about 90 young student in attendance. This program was aimed at exposing young students to the vast opportunities that abound in the Oil and Gas Industry.

Friday 26th of April 2013 remains a day of remembrance in the hearts of both SPE-CUSC members and that of the children at the Ijamido Children home in Ota, as members of SPE –CUSC visited the orphanage home to donate food items, clothes, stationery and books to the children. It was indeed a time to give back to the community. SPE-CUSC did it in grand style as shown in picture above.
If you found this issue inspiring, stimulating or educating, or you have any articles or feedback you want to share, we would like to read from you. Please write to us at spelagos@hyperia.com or contact me directly at esuru@runma@yahoo.com.

To be kept abreast with SPE Lagos Section 61 activities and discussion, please like our Facebook page at http://www.facebook.com/pages/SPE-Lagos/487453884626210 and join the SPE Lagos Section Group on LinkedIn.

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