



# **2018 HAVILAH HYDROCARBON Training Programme**



**Havilah Hydrocarbon Resources  
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# COMPANY PROFILE

Havilah Hydrocarbon Resources Management (Nig.) Ltd. is a private Energy Company owned 100% by Nigerians and incorporated to carry out the business of oil & gas asset evaluation, development and management. Established in March, 2008 by a group of Nigerian oil and gas professionals living in Calgary, Alberta, the company was formed with primary focus to bring their wealth of experience gained both locally and internationally, utilizing their over 250 years of combined industry experience to help in the human and technical re-capitalization of the Nigerian economy and also provide employment to the teeming youth population.

## OUR VISION

To become a "Top Performing" Oil & Gas Asset Evaluation, Development and Management Company

## OUR MISSION

To become a dominant player in the global energy market by providing best-in-class clients' support in exploitation of hydrocarbon resources globally and delivering outstanding value to our stakeholders.

## OUR CORE VALUES

In carrying out our business, we always employ the following core values:

**Health & Safety**

**Honesty & Integrity**

**Respect for People**

**Managerial Focus**

## OUR BUSINESS

Our capacity and business focus is centered on the following:

### ❑ **Subsurface Development**

- Hydrocarbon Lease Evaluation
- Reservoir Studies, Valuation and Management
- Field Development Planning / Management

### ❑ **Wells, Engineering & Production**

- Well Engineering Project Management - Design, Construction & Delivery, including resourcing & managing well projects
- Surface Facilities Design, Construction and Project Management
- Production Operations & Optimization

### ❑ **Manpower and Business Development**

- Manpower Supply Services
- Human Capacity Development
- JV and Government Interface Management
- Agency Representation

# BACKGROUND

Havilah Hydrocarbon Training Programme is set up with a key objective of exposing, refreshing and updating participants, on a broad spectrum, to global performance skills acquisition in the upstream oil & gas sector.

The 2018 Havilah Hydrocarbon Training Programme is packaged to provide courses that cover and address critical aspects in the following areas:

- Well Engineering
- Economics / Financing in Oil and Gas Exploration & Production
- Quality, Health, Safety and Environment (QHSE)

For the year 2018, HHRM will offer 6 public courses, 8 hours per day, we also organize in-house training programs, which is tailored to suit specific client needs and objectives.

The public courses are structured in a manner that guarantees sequence and thorough flow of study for better appreciation of major challenges in the E&P Industry and enhanced proficiency for each professional.

Our team comprises of industry professionals with more than 15 years of experience in their individual subject areas, a good number of whom have worked and still work for the world's foremost oil and gas companies.

## OUR ACCREDITATION & ALLIANCES



# 2018 HHRM Training Calendar

Course Title	Duration	Date
Drilling & Completions Essentials for New Engineers & Non Technical Professionals	3 Days	Mar. 21 - 23
General HSE	3 Days	Apr. 18 - 20
Managing Wellsite Operations	5 Days	Jun. 4 - 8
Exploration & Production Accounting	5 Days	Aug. 6 - 10
Well Completions & Workover Operations	5 Days	Oct. 15 - 19
Operations & Location Safety	3 Days	Nov. 28 - 30

## Course Delivery Method

These courses will be delivered through multi-media presentations, case studies, exercises and discussions. A detailed reference manual would be provided for continuous learning and sharing. The class size would ensure effective interaction.

## Certification

Recognized certificate will be issued at the end of the training and examination.

# Drilling & Completion Essentials for New Engineers & Non Technical Professionals

## Course Overview

This course is designed to provide participants with basic understanding of activities that relate to the drilling and completion of oil and gas wells. The course covers the entire drilling engineering process from the well planning phase to rig site operations. Insight is also provided into drilling problems and reasons for well intervention after the well is put on production. This course will equip you, whether in a managerial or supporting role, to contribute significantly towards ensuring that well project delivery targets are met, within the approved Authorization For Expenditure (AFE) and with minimal Non Productive Time (NPT).

Level:

Basic

Duration:

3 days

Fee:

#100,000

## Course Content

Overview of oil & gas exploration, source of petroleum, the E & P process, mobilize and transport drilling equipment, basic and critical equipment used, offshore rigs, drilling rig and its facilities, drilling fluid-mud – different types, benefits and disadvantages, problems caused by poor management, drill bits and their function, drill string design and BHA drill pipe, drilling sequence, drilling with stands, well plan – drilling time/depth curve, running casing, well heads, well completions, the drilling organisation, fishing, drilling cost calculation – well costing.

## Target Audience

This course is an essential aid for those seeking to improve overall drilling knowledge including; geologists, geophysicists, rig and office based petroleum and production engineers, technical support personnel and new entry level drilling staff and non technical professional.

## Instructors

Isaac Nwaukwa & Eyitayo Mumuney

## General HSE

Level:

Intermediate

Duration:

3 days

Fee:

#60,000

## Course Overview

This comprehensive applied HSE course has been designed to introduce best practices and to provide guidelines and necessary knowledge for the participants. Identifying the Industrial Hazards and the techniques to control them, HSE control tools, workplace safety inspections, work accidents & incidents etc. will be covered and discussed in a thorough and efficient way and will be of great benefit to the participants and their companies.

## Course Content

Discuss petroleum industry specifics, IOC vs NOC), HSE Control Tools; Personal Safety, Industrial safety and Benefits of Hazard Identification, THA, HIRA, JSA Application Techniques, Basic Steps to Accidents / Incidents Prevention in Work Place, Risk Mitigation Process ( U/A, U/C, N/M and IRP), Safety Policy interpretation and Compliance, Use and maintenance of Personal protective equipment (PPE), Safety Accountability.

## Target Audience

Functional specialists seeking to improve their knowledge and application of HSE management systems, including operations supervisors, engineers, contract managers, project managers, and all staff who have the responsibility for designing, implementing, or supporting HSE management.

## Instructor

Obinna Harrison & Olufemi Ogunremi



# Managing Wellsite Operations

## Course Overview

The Drilling and service personnel struggle daily with the oil and gas industry's inexperienced labour force. This inexperience at the wellsite results in excessive non-productive time, trouble time, and invisible lost time. These, in turn, lead to unsafe incidents and excessive costs to the operator, the contractor, and the service industry. This course teaches participants to apply organizational learning processes, wellsite technical limits analysis, and more efficient use of all resources at the wellsite. Participants will learn how to identify and mitigate hidden risks that often are overlooked during the planning, design, and execution phases of a drilling operation; and how to dissect and analyze an operational plan. In addition, applying operational innovations and advanced motion and time processes will lead to improved efficiency of wellsite rotary operations and individual wellsite tasks. Participants will be introduced to models, templates, techniques, and real case studies that can be used on the job. This course brings together a documented planning and design process, maximizes drilling efficiency, and transfers the execution plan to the wellsite for implementation.

**Level:**  
**Skill**  
**Duration:**  
5 days  
**Fee:**  
#200,000

## Course Content

Introduction, site preparation, rig move in, rig up operations, rig commissioning prior to spud in, inventory of drilling equipment; materials and procedures; prior to spud, spudding the well in, surface hole drilling operation, first intermediate drilling operations, production hole drilling operations, managing well interventions/well work-over operations, rig release, rig move out

## Target Audience

Operations managers, drilling managers drilling superintendents, drilling supervisors, wellsite drilling engineers, rig managers, rig superintendents, contract drilling engineers.

## Instructors

Adeyemi Gbenga Emmanuel & Gbenga Olamigoke

# Exploration & Production Accounting

**Level:**  
Intermediate  
**/Skill**  
**Duration:**  
5 days  
**Fee:**  
#200,000

## Course Overview

The aim of Exploration and Production Accounting course is to raise to an advance level your knowledge and understanding of international E&P finance and accounting. This is achieved by in-depth examination of international practices and current developments across a broad range of relevant topics. You are encouraged to challenge existing methods as a basis for reviewing procedures and introducing improvements in your own work place.

## Course Content

Introduction to the E&P industry, Accounting policies, Joint-venture accounting, Cost control and analysis, Accounting for financing arrangements, Accounting for sales revenue, Accounting for E&P company taxes, Ownership and exploitation of reserves, Production sharing contracts, JV accounting, Budgeting and cost control.

## Target Audience

This course is for finance staff new to the industry wanting a broader understanding of the oil and gas finance function, experience staff who are responsible in financial management, audit, information systems, financial controls and treasury, and tax specialists.

## Instructor

Lawrence Ogunsina

# Well Completions & Workover Operations

## Course Overview

This course is designed to provide participants with up-to-date overview of the well completion and workover operations. The course covers the main factors influencing completion design, the overall approach to a well flow capacity, the major types of completion configurations, the main phases in completion, the drilling and casing of pay zone, evaluating and restoring cement job, perforation, treatment the pay zone, horizontal well completion, general configuration of flowing well equipment, production wellhead, production string or tubing, packers, downhole equipment, subsurface safety valves, servicing & workover operations on killed wells, servicing & workover special cases and well stimulation.

**Level:**  
Intermediate  
**/Skill**  
**Duration:**  
5 days  
**Fee:**  
#180,000

## Course Content

Introduction, completion/workover design, completion types, production operations, intelligent completions, well intervention & workover - Introduction to well intervention operations, wire-line intervention procedures, tractors intervention procedures, coiled tubing intervention procedures, hydraulic workover, well killing procedure, sidetracking, well abandonment procedures, workshop exercise to analyze well integrity proposal versus economic viability, case study – well control incident.

## Target Audience

This training course is suitable to a wide range of professionals but will greatly benefit; petroleum engineers, production engineers, drilling engineers, completion engineers and oil field technical staff.

## Instructors

Blessing Pepple & David Suberu

# Operations & Location Safety

**Level:**  
Intermediate  
**/Skill**  
**Duration:**  
3 days  
**Fee:**  
#60,000

## Course Overview

This comprehensive applied HSE course has been designed to introduce best practices and to provide guidelines and necessary knowledge for the participants. Identifying the Industrial Hazards and the techniques to control them, HSE control tools, workplace safety inspections, work accidents & incidents etc. will be covered and discussed in a thorough and efficient way and will be of great benefit to the participants and their companies.

## Course Content

Safety Compliance and leadership challenge, Managing and Control of Third party Contractors, Fire theory and firefighting course, H2S awareness & breathing apparatus, Confined space entry, Journey management system (JMS), Emergency Management, Drilling, Completions and Production Safety, First Aid Application, Basics of Waste Management, Containment, Storage and Reduction, Emergency Management / Response Planning (ER), Role of SOP in Operations / Safety Interface.

## Target Audience

Functional specialists seeking to improve their knowledge and application of HSE management systems, including operations supervisors, engineers, contract managers, project managers, and all staff who have the responsibility for designing, implementing, or supporting HSE management.

## Instructor

Obinna Harrison & Olufemi Ogunremi

# Instructors

## PROFILE

**Isaac Nwaukwa** - Gained his 30 years experience in the Oil & Gas Drilling industry around on-shore and offshore facilities in Nigeria and Overseas. He has experience in nearly every position around the rig. As a Drilling Supervisor since 1985, Isaac is thoroughly familiar with the drilling operations. He has sound understanding of the engineering principles involved and has gained substantial hands-on knowledge of related well services. He has attended several technical and commercial courses locally and internationally and also spent a lot of me at the Shell Training School developing and mentoring students and staff alike. He now provides drilling consultancy and advisory services for a number of independent & marginal field operators.

**Adeyemi Gbenga Emmanuel** - Graduate Petroleum Engineer (UI 1977). Started career as a Process Operations Engineer in the Shell Refinery before joining the Shell Oil & Gas Exploration and Production sector. Had 15 years experience in Drilling and Well Completions (including HP/HT) on land, swamp and offshore locations. Five years experience in production planning, oil & gas accounting from the reservoir to export points (Shell Nigeria:1000 wells, 90 flowstations, 5 NAG plants supplying gas to NLNG, 2 Export Terminals Bonny & Forcados. Shell UK E&P North Sea: 25 different OPCOs producing into Shell complex facilities---extensive pipeline monitoring with CAO and IT systems supporting crude oil /gas allocations at the Production Coordination Centers. Five years experience in Business and Operations Planning at a very senior Level. Guest lecturer at various periods coaching and mentoring Nigerian and Expatriate staff at the Shell Training School. Left Shell after 3 years as a manager of Production Improvement Team in 2004. Had a stint in Sudapet Khatoum in 2009 prior to the break up of Sudan into 2 countries. Currently Management Consultant of Engineering Projects in Drilling, Production, Crude Oil Refining for companies planning to develop marginal fields and/or build small scale refineries of about +10,000 bopd throughput.

**Blessing Pepple** - Significantly spending 19 years; onshore, swamp and offshore locations as a Well Intervention, Lower, Open Hole and Upper Completion Engineer with Baker Oil Tools (Baker Hughes) Nigeria & International. With an extensive expertise in different types of Completion designs, installations, remediation, Re-entries, Rigless and Workover operations. Rising as a Field Engineer Trainee to Operations Manager; during this period, he had opportunity to relate with other service providers such as Halliburton, Schlumberger, Weatherford etc. exchanging ideas on technology and innovation as it affect the Oil and Gas, prior to becoming a Consultant. Also he has two inventions that are under manufacturing and waiting for patent that will positively impact on the cost of completing a well; with two published SPE papers and a Merit award for Youth Development from National Association of Petroleum Explorationist (NAPE) Ebonyi State University Student's Chapter. Over the years, he has attended various Technical, Commercial, Leadership and HS&E Courses and have flawlessly executed several high profile projects for SPDC, ExxonMobil, Total, Agip, Addax, Seplat, Lekoil and others where huge cost savings were achieved. Currently working with indigenous Oil and Gas Services providers in harnessing their potentials for providing industry standard, cost saving and flawless services while working with the Operators at maximizing productivity.

**Obinna Harrison** - An HSE professional with more than fifteen (15) years experience in the upstream and downstream of the Oil and Gas sector, through various HSE Trainings and Certifications. He started his HSE career part with Shell Petroleum Development Company (SPDC) as a career HSE inspector in 1999 (contract staff), His safety exposures in SPDC brought about his motivation in safety engineering through which he maintained a consistent career part in HSE till date. His HSE experience includes consultant services for the management of drilling and completions Safety, Spill prevention and containment safety, Process Safety, Emergency preparedness and management safety for onshore and offshore operations, Rig Inspection services, Development of HSE Case/Project HSE plan for high risk operations, undertakes Safety trainings for all categories of staff, among others.



# Instructors

## PROFILE

**David Suberu** - An international industry veteran with over 20 years of diversified experience in the oil and gas sector. He is very experienced in all phases of petroleum engineering including drilling, log analysis, completion, production, reservoir and economics. David has a proven track record of effectively building oil and gas companies from infancy to significance. In addition to many years of "hands on" experience with both major oil and small independent companies, his background also includes managing oil and gas companies from the initial formulation of a business plan and establishment of corporate goals through the execution of such. He has built and supervised a staff of experienced oil and gas professionals, evaluated drilling prospects, acquired producing properties, managed the operations of drilling and the production of oil and gas properties.

**Lawrence Ogunsina** - An expert trainer and consultant in financial accounting, corporate finance and financial risk management. He has over two decades of robust experience in the credit rating industry, spanning a wide array of industries and financing instruments. Currently, he is the Chief Finance Officer (CFO) of Havilah Hydrocarbon Resources Management Nigeria Limited, a financial training and management resources provider. He is a fellow of the Institute of Chartered Accountant (Nigeria), a fellow of Chartered Institute of Taxation, a Certified Forensic Accountants, an Associate of Nigeria Institute of Management and also a Chartered Registered Professional, Federal Reporting Council of Nigeria.

**Eyitayo Mumuney** is a Drilling and Well completions supervisor with over 10 years' experience in the oil and gas Industry. He has spent the early years of my career with Total E & P as a drilling and completions engineer where he actively participated and later supervised the drilling and completions of several wells both onshore and offshore Nigeria. A track record of excellent project, operational delivery, analytical and problem-solving skills and strong knack for safety and cost effectiveness.

In the past 4 years, He have supervised and managed a series of Drilling, Well re-entry, Well re-completions and Well Intervention operations in the Niger delta region of Nigeria. He is currently serving as a Project Manager in one of the marginal fields operators here in Nigeria.

**Olugbenga Olamigoke** - Is currently a Research Associate and Senior Lecturer at the University of Lagos, Nigeria. He is a seasoned/qualified Petroleum Engineer with over 10 years' oil and gas industry experience. He is also a PhD Holder in Petroleum engineering with in depth operating knowledge and rig-site best practice experience of designing and constructing well's both on land and in offshore environments, for different well types and in different environments e.g. Exploration, appraisal, development, subsea, horizontal, HPHT, H2S, Deepwater etc. He has co-authored several journal and conference papers covering different areas in petroleum engineering including casing design, hydrocarbon fluid properties, thin oil rim development and fiscal terms and policies. He now provides drilling consultancy and advisory services for a number of independent & marginal field operators. He has also facilitated courses on Drilling engineering for non-drilling engineers and Project scoping and estimation.

**Olufemi Ogunremi** - is a Risk & Safety Management Consultant with over 10 years post qualification and professional experiences gathered from oil & gas and other sectors in the UK and Nigeria. His areas of technical expertise include; HSE Projects, Training, Fire Risk Assessment, Safety Audits, Environmental Audit, EMS Audits, Environmental Audit, Environmental Impact Assessment, Advisory services & Consulting in field of Occupational Health, Safety & Environment Management. He has a MSc. Oil & Gas Management and BSc. Occupational Safety & Health. Olufemi is a member of International Institute of Risk and Safety Management (MIIRSM); IOSH (UK), NISP (Nigeria) and a member of Society of Petroleum Engineer.

# Registration

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## **PAYMENT**

Payment can be made either by bank transfer or cheque to the detail below:

Account Name: Havilah Hydrocarbon Resources Management Nigeria Limited

Bank Name: Diamond bank plc

Account Number: 0063618735

Registrations can be made online at [www.havilahenergy.com](http://www.havilahenergy.com) or by contacting [training@havilahenergy.com](mailto:training@havilahenergy.com) for a Registration Form. Registrations are confirmed upon receipt of payment.

Early bird discounts are applicable to individual and group participants if registered earlier before course scheduled date.

## **TUITION FEES**

Tuition fees are due and payable in Naira upon receiving the corresponding invoice. Again, a registration will not be confirmed until payment has been received. Tuition fees do not include accommodation, but do include tuition, purchase price of course materials, daily lunches and refreshments, per five days of each training.

Tuition must be paid prior to the first day of the course. If payment has not been made prior to the course start date, the registrant or their representative should contact the Training Department to make payment arrangements.

Note: Where applicable due to government regulations, Value Added Tax (VAT) will be added to the total tuition fees.

## **CANCELLATION POLICY**

Cancellation made minimum of 30days prior to scheduled date attracts 90% refund. Between 15 and 29 to scheduled date attracts 75%, between 5 to 14 days attracts 50%. Cancellation made less than 5days to programme attracts no refund but such amount is transferable as a set-off against future training cost. Havilah Hydrocarbon Resources Mgt. (Nig.) Ltd is not liable for any costs incurred by delegates in the unfortunate event that the course is cancelled.

Participants are responsible for arranging their own travel and accommodation and associated costs.

Havilah Hydrocarbon Resources Mgt. (Nig.) Ltd reserves the right to change or cancel any part of the published programme due to unforeseen circumstances.