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Who we are

Acetop Energy Associates Limited is an integrated energy consulting, training, procurement and recruitment services firm and a subsidiary of the fully Nigerian-owned Acetop Energy LLC. We are a global organization headquartered in Houston, Texas – the Global Capital of the Oil and Gas industry. Our operational office is in Lagos, Nigeria and we have a liaison office in Aberdeen, United Kingdom. Our people are among the energy industry's best and brightest minds, and they are our pride. In addition to having a minimum of 10 years direct work experience in the petroleum and renewable energy industries, our principals and consultants all have doctorate degrees and/or master's degrees in their discipline. Among them, the members of our Technical Advisory Board have over 200 years of cumulative experience spanning different segments of the energy industry. Our people are our greatest assets, and we take pride in their dedication to excellence. Our past Clients have included NPDC, NUPRC, NDWestern, First E&P, Sahara Group, Asharami Energy, Enageed Resources, Newcross Petroleum, Newcross Exploration, Pan Ocean, Emerald Peak Associates, Low CAPEX Resources, Danvic Petroleum, Ian Wilson, University of Namibia, and Global Experts Consultoria to mention a few.

A brief profile of our Technical Leadership Board is provided below for your perusal. If requested, resumes of our key personnel for this job can also be supplied for your review:

1. Dr. Olusanmi 'Tunde Emmanuel – Managing Director and COO

Dr. Emmanuel is a Certified Petroleum Geologist (CPG #6301) and Certified Earth Scientist (SIPES #3501). He is a demonstrated exploration and development geoscientist with skills to integrate well control, gross-depositional environment models, reservoir models, seismic attributes, risk assessment as well as basin to play and play to prospect scale perspectives in the successful identification, drilling and development of oil and gas prospects. He has over 16 years industry experience working for major exploration and production companies including ExxonMobil, Statoil ASA, Total, BG Group Plc. and Shell in Nigeria, Norway, United Kingdom and the USA. He has participated in the location, planning and drilling of over 120 exploration and development wells on three different continents: Africa, Europe, and America.

Tunde has worked on the geological and geophysical evaluation of plays and generation of prospects in the Niger Delta, the Cretaceous Dahomey/Benin and Keta-Tano basins, UK North Sea basin, onshore Libyan basins; the US Muddy (J) Sandstone play, the Cretaceous Olmos Sandstone, and the Austin Chalk (Gulf Coast basin, Texas) as well as Shale plays including the Marcellus, Haynesville, Niobrara, Eagle Ford and Bakken Shale. Dr. Emmanuel holds a B.Tech. Applied Geology degree from the Federal University of Technology Akure, Nigeria, a Master of Science degree in Integrated Petroleum Geoscience from the University of Aberdeen, United Kingdom, and a Ph.D. degree in Geology from the Colorado School of Mines, Golden, Colorado, USA.

2. Curtis L. Golike – Chief Technology Officer

Curtis is an independent Petroleum Engineering consultant operating out of Denver, Colorado. After graduating from the Colorado School of Mines with high honors in 1979,

Curt spent the next 37 years working for three oil and gas companies. He spent 27 of his highly illustrious oil industry career in a variety of international roles with Occidental Petroleum and Lundin Petroleum in countries including United Kingdom, Russia, USA, Peru, Ecuador, Oman and the Philippines. In addition to his Petroleum Engineering degree, Curt holds an Executive MBA degree from the prestigious University of California, Los Angeles, California, USA. During his career, Curtis has visited Nigeria several times to serve as a consultant on projects for Texaco Overseas and Chevron Plc.

3. Ruqaiya Musa Muhammad - Engineering Optimization Manager

Ruqaiya is a performance driven Drilling/ Process Optimization Engineer with strong analytical and problem-solving skills. She possesses over 10 years' experience working in a variety of roles in the oil and gas industry. She has experience working with high profile multinational organizations in Nigeria, United Kingdom, South Africa and the USA. Rukky currently operates out of Newfoundland, Canada where she is also working on completing her PhD in Oil & Gas Process Engineering. She holds a Master of Science degree in Chemical Engineering from the Colorado School of Mines, USA and a B.Eng. degree in Chemical Engineering from the Federal University of Technology, Minna, Nigeria.

4. Ayodele Adepoju – Well Engineering and Technology Manager

Ayo is a resourceful and accomplished Production Geoscientist/Drilling Engineer with over 17 years international experience in oil and gas production and drilling operations. His E&P experience include international rotation positions with Geoservices, Baker Hughes and currently Schlumberger in a variety of roles including Petroleum Geology, Real-Time Pore Pressure Prediction and Management, Field Service Supervision, and Drilling Optimization Support. He has worked on various onshore and offshore drilling optimization and rig operations in the USA, United Kingdom, Nigeria, Sierra-Leone, Cameroun, Cote d' Ivoire, Congo, Liberia, Azerbaijan and Cuba.

Ayo holds a Certificate in Drilling Engineering from the Texas A&M University, an MSc Applied Geophysics from the University of Lagos, Nigeria and a B. Tech. Applied Geology from the Federal University of Technology, Akure, Nigeria. He has participated in the location, planning and drilling of over 200 exploration and development wells on several continents.

5. Dr. Olarinre Salako – Reservoir Geoscience Manager

Dr. Salako is a geoscientist with over 16 years of international work experience in collaborative multi-disciplinary subsurface studies. His expertise is in the integration and interpretation of geophysical, geological and petrophysical data for the generation of oil and gas prospects, and in monitoring production and injection activities. He is exceptionally talented in seismic structural and stratigraphic interpretation, attributes analysis, 3D pre-stack and post-stack seismic inversion and interpretation, AVO interpretation, rock and fluid physics analysis, and seismic and EM data modeling and feasibility studies, 4D seismic data analysis, pressure and saturation inversion, interpretation and integration with dynamic (fluid flow) reservoir simulation model.

Salako holds a PhD degree in Reservoir Geophysics and Petroleum Engineering from the Herriot-Watt University, United Kingdom, a jointly awarded MSc degree in Geoscience for Subsurface Exploration, Appraisal and Development from the Heriot Watt University

and the Universities of Edinburgh and Newcastle, United Kingdom and B.Tech. Applied Geophysics degree from the Federal University of Technology Akure, Nigeria.

6. Abiodun Samuel – Nigeria Country Manager and Group QA/QC Manager

Samuel is a Certified Quality Assurance Manager, with over two decades of experience in manufacturing, oil and gas operations & process improvement. He is highly proficient in management and coordination of OCTG manufacturing, auditing, QA/QC activities and in drilling and completion of oil and gas Quality Assurance and Facility Compliance. His key skills include production verification and certification and process management for industry operation, facility setup and process safety audit. He holds a B.Sc. Mechanical Engineering from the University of Port Harcourt, an Higher Technician Diploma (HTD) from The Polytechnic, Ibadan and a Full Technology Certificate in Production Engineering from City & Guild, London Institute. Before joining Acetop Energy, he worked for Tenaris Global Service Nigeria, Vallourec and Manesmann, BK Tubulars Nigeria Limited and Bureau Veritas in roles including Quality Manager, Industry Manager, Testing Inspection and Certification Lead. He is a trainer of Inspectors for Oil and Gas tools of Oil Country Tubular Goods (OCTG) and TH Hills DS-1.

7. Mrs. Abimbola Afolabi

Mrs. Abimbola Afolabi is a versatile geoscientist with over 15 years of direct experience in the petroleum industry, having worked with Schlumberger and Chevron in Nigeria and Canada. She is a Certified Petroleum Data Analyst (CPDA), Certified Information Management Professional (CIPM), and an APEGA-certified Professional Geoscientist (P.Geo.) in Alberta, Canada.

Abimbola combines extensive geoscience expertise with strong programming, data analytics, and coding capabilities to address complex challenges in subsurface data processing, interpretation, mapping, and analysis, supporting more effective petroleum exploration and production.

She holds a Master of Science in Integrated Petroleum Geosciences from the University of Alberta and a Bachelor of Science in Applied Geophysics from Obafemi Awolowo University, Nigeria. She also holds diplomas in Data Science from Lighthouse Labs and Machine Learning & Data Science from NorQuest College in Alberta, Canada.

Her technical expertise includes Petrel, Power BI, Tableau, SQL, Python, Linux, Unix, Microsoft Azure, AWS, Keras, TensorFlow, spaCy, and NLTK. She is also experienced in applying machine learning, deep learning, and artificial intelligence techniques to optimize the storage, processing, analysis, interpretation, and mapping of oil and gas data.

Our Business

Our business is organized into four main areas: Training, Consulting, Procurement and Recruitment. We offer practical and business-tailored training courses, workshops and seminars covering all areas of the petroleum business: upstream, midstream and downstream, as well as the renewable energy industry. Our clientele base includes governments, national oil companies, multinational and independent oil companies, petrochemical producers, renewable energy companies, oil field service firms, private equity investors, investment banks and sovereign wealth funds etc. We understand our clients' expectations all of the time and tailor our services to exceed them. Just as our name connotes, our goal is to efficiently deliver topnotch energy solutions to meet all of our clients' needs, all of the time.

Our Upstream Consulting Business specializes in providing technical consulting services for the upstream petroleum sector. We offer a complete range of upstream geological, geophysical, and engineering professionals for consulting and resourcing opportunities worldwide. Our areas of expertise include:

1. Geoscience Interpretation Services (GIS),
2. Petrophysics & Reservoir Characterization (PRC),
3. Reservoir Engineering & Simulation (RES),
4. Brown & Marginal Fields Management (BMF)
5. Well Engineering & Production Services (WEPS) and
6. Property Evaluation & Reporting: Reserves & Resources (PER),

Our teams of experts have screened, evaluated, generated and drilled thousands of exploration and development prospects in a variety of basins in various tectonic settings (extensional, compressional, strike-slip) across multiple geologic setting and have been involved in the discovery of billions of barrels of oil equivalent. Our goal is to help you maximize your chance of success, minimize the risk of drilling a dry hole, save time, reduce costs, maximize production, enhance and maintain production flow assurance, and extend the life of older fields through our direct consulting services. Our experts have managed several brown and marginal fields; we can help you find new opportunities in old fields and mature basins!

Together with our Technical Advisory Board, our principals have extensive knowledge of the Niger Delta basin, Gulf of Mexico, Offshore West Africa basins (Nigeria, Ghana, Benin, Ivory Coast, Senegal, Gabon, Cote d' Ivoire, Cameroun, Equatorial Guinea, and Mauritania), South Atlantic basins (e.g. offshore Angola, Congo, Namibia, Brazil), Appalachian Basin, Rocky Mountain Region, East Africa (Tanzania, Kenya, Mozambique, Uganda etc.), North Africa (Egypt, Libya, Algeria, Tunisia) and the North Sea.

Geoscience Interpretation Services

We routinely help our upstream clients to produce high quality geological and geophysical interpretation products to assist them in their exploration and production of oil and gas. Our principals and consultants typically provide the services under the supervision of our highly experienced advisory board. We can either carry out these projects in our office or, if you prefer, our personnel can be embedded in your team to provide increased collaboration with your team and improved integration of our results in your evaluations. Our specializations include:

- Play Fairway Evaluation & Prospect Identification
- Prospect Evaluation and Risk Assessment through to Economics
- Stochastic and Deterministic Static Resource Volume (OOIP & OGIP Estimation and Risking)
- Geological and Drilling Operations Support (Wellsite Geology, Mudlogging, Pore Pressure Prediction & Realtime Monitoring)
- Reservoir Characterization and Modelling

- Basin Analysis and Petroleum Systems Modelling
- Sedimentological and Stratigraphic Analysis
- Regional Interpretation and Mapping of Geological and Geophysical
- Seismic Data Evaluation and Interpretation
- Seismic Modelling/Quantitative Geophysical Interpretation
- Geopressure Plotting and Drilling Hazard Prediction from Well and Seismic Data
- Quantitative and Qualitative Gravity and Magnetic Data Interpretation
- Generation of 3-Dimensional Structural Models and Fault Analysis

Petrophysics and Reservoir Characterization

Under the guidance and supervision of our highly experienced advisory board, our Petrophysics and Reservoir Characterization (PRC) business unit support our clients' exploration and production project via the integration of multidisciplinary datasets that may include open- and cased -hole logs, core data, production log data, geological and geophysical data (e.g. seismic data). Since 2019, in response to demand from our clients, who have attended some of our reservoir characterization workshops, our Team has been partnering with laboratories and research institutions in Nigeria, South Africa and the USA to provide Routine Core Analysis, Special Core Analysis, Sidewall Core Analysis and Digital Rock Physics services to our clients in the Nigerian oil and gas industry.

Our experts support our clients' production optimization efforts through the design, management, acquisition and interpretation of log and core data, image log processing and interpretation, reservoir studies and production performance evaluations. We understand that seismic attributes alone are not enough to understanding rock characteristics away from the well bore, so we leverage industry-leading petrophysical software and integrate this with core data to ensure that our clients are provided with the most accurate subsurface interpretations for their exploration and development projects. Our solutions can help you to present defensible business recommendations to your company's senior management, partners and other stakeholders, thereby ultimately help you to discover more oil and gas and/or optimize production from your existing wells and fields.

Reservoir Engineering and Simulation

Our Reservoir Engineering and Simulation (RES) business unit help our clients to answer several questions and proffer solutions that help them to optimize oil and gas production from their reservoirs during all reservoir life cycles, starting from the primary recovery and up to enhanced oil recovery. By leveraging on the skills of our principals and technical advisory board, we routinely utilize conventional reservoir engineering techniques to identify new infill opportunities, suggest smart horizontal wells to control coning, simulate fractured reservoir and model both improved and enhanced recovery methods. Our solutions help our clients to maximize their company's return on investment.

Brown & Marginal Fields Management

Our principals and consultants can help you to understand and proffer solutions to the challenges facing the development of brown and marginal fields from subsurface to facility design. We can help you to understand the range of subsurface uncertainties facing matured fields and can propose mitigation plans to help your company optimize oil and gas production and maximize her return on investments. We help our clients to develop

reservoir management plans, early production systems, smart well completion, low cost well architecture, feasible reservoir fluid depletion approaches and construction of integrated production systems for a cost-effective development plan.

Well Engineering & Production Support (WEPS)

Our Well Engineering and Production Services (WEPS) business unit provides critical well engineering and production support services to the oil and gas industry. We provide comprehensive and cost-effective well planning, well design and well management services to our clients. Our principals have successfully drilled and completed many wells in onshore, shelf and deepwater environments and are very well experienced with high pressure high temperature (HPHT), corrosive wells and other challenging wells. Our services include

- Well Planning and Configuration
 - Onshore, Shallow Water/Shelf and Deepwater Environments
 - Project Management: Drilling Operations and Supervision
 - Drilling Contracts, Procurement and Cost Engineering
- Casing and Tubing Design and Well Analysis
 - HPHT, Corrosive Wells, and Deep Wells
 - Well Testing and DST
 - Completions and Workover
- Equipment Support
 - Equipment Sourcing and Procurement
 - Matching Equipment to Production Plans
 - Wellhead Material Specifications and Selection
 - Downhole Materials Selection including Tubulars and Corrosion Resistant Alloys
 - Tubular Inspection and Running Practices
- Drilling Health, Safety & Environment
- Mill Surveillance and Fishing
- Failure Analysis and Investigation
- Annular Pressure Build-up Analysis and Mitigation Techniques
- Well Abandonment and Decommissioning Support

Property Evaluation and Reporting (PER): Reserves and Resources

Acetop Energy's property Evaluation (PER) business unit provides independent assessment of hydrocarbon reserves and resources to our clients. By leveraging our knowledge and understanding of basin-wide petroleum systems and the ability to assess and rank prevalent play types, prospective areas, and potential hydrocarbon volume distributions, our team of geoscientists, reservoir engineers and economists provide reliable risk and volumetric assessment of reserves, contingent resources, and prospective resources. Our integrated geoscientific, engineering and economic assessments typically provide our clients with a ranked and risked property portfolio that can help to guide their decision-making process with regards to exploration expenditures, field development

planning, acquisitions, production forecast, generation of cash flow models, farm-ins and farm-outs, property/assets trades, lease sales and/or lease renewal and relinquishments. Our scope of work may include:

- Evaluation of client data to identify potential hydrocarbon accumulations or review of the client's prospective inventory where potential hydrocarbon accumulations have already been identified
- Probabilistic volumetric assessments of prospects and leads using available data: logs, seismic and reservoir analogues
- Prospect risk analysis involving source rock presence and effectiveness, reservoir presence and effectiveness as well as trap presence and effectiveness. This may also involve the analysis of the risks associated with source rock type, quality, volume, and thermal maturity; examination of migration pathways and timing of migration; trapping mechanisms and seal capacity/effectiveness
- Classification and aggregation of resources by play type, license/permit, field, block or region
- Assembly of a risked and ranked portfolio of exploration opportunities
- Provision of detailed reports with discussion of figures, text and tables
- Transfer of all associated assessment data, cases, scenarios and models to the client

Management Team

1. Dr. Olusanmi O. Emmanuel – **MD/CEO**
2. Mr. Olufisayo Okedina - **Director of Finance**
3. Mr. David Abegunde – **Corporate Counsel**
4. Mr. Abayomi Emmanuel – **General Admin**