



# Elcrest E & P Nigeria

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## Job Description – Elcrest Production Technologist

<b>Location</b>	Lagos with travel to other company operational locations within Nigeria as required
<b>Type of Engagement</b>	Full time employee
<b>Department</b>	Operations
<b>Manager</b>	Technical Manager Lagos
<b>Purpose of the Role</b>	As part of a multi-disciplinary operations team, the Production Technologist is responsible for achieving life cycle production targets, economic and contractual and reservoir management objectives, and monitoring, evaluation and optimization of production.
<b>Tasks &amp; Responsibilities</b>	<p>The Production Technologist will;</p> <ul style="list-style-type: none"> <li>• Prepare Well Intervention Proposals and liaise with Operations &amp; Facilities Engineers on troubleshooting and de-bottlenecking in production systems. Define the life cycle based well completion designs. Perform tubing design &amp; analysis. Determine the optimum production system and delivers conceptual design and surface facility design and operating envelopes. Evaluate the performance of the existing systems and makes recommendations for improvements.</li> <li>• Plan and supervise routine and most non-routine well intervention operations.</li> <li>• Support Asset team on field development planning and maintenance.</li> <li>• Develop production and completion strategy, production forecasts, budgets, identification/implementation of new technologies.</li> <li>• Generate and carry out an annual well surveillance plan, and analyse the resulting data. Well integrity management. Wells start up and shut down best practice.</li> <li>• Design and optimize artificial lift systems.</li> <li>• Monitor compliance with reservoir management, water disposal and flare control guidelines.</li> <li>• Sand monitoring and control. Identify and help to implement short-term oil and gas improvement opportunities.</li> <li>• Maintain key asset and corporate databases. Provide production forecasts for existing wells.</li> <li>• Monitor &amp; evaluates Well/Field performances and recommend remedial and/or enhancement activities for optimum ultimate recovery. Perform analysis of technical data and studies, including well tests, production performance, PLT, PVT data and assist with reservoir modelling and simulation Provide detailed workover/well re-entry requirements.</li> <li>• Analyse and define the cause of well performance failures and generates candidates for productivity enhancement Proposes &amp; designs preventative and remedial activities. Provide cost data for financial modelling - hardware costs, installation costs, operating, workover and maintenance estimates.</li> <li>• Provide an assessment of safety and environmental impact for all recommendations.</li> </ul>



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## Job Description – Elcrest Production Technologist

	<ul style="list-style-type: none"> <li>Analyse efficiency of Reservoir Pressure Maintenance, EOR and proposes corrections &amp; improvements. Provide key link between development planning, well construction and production operations. Interface between the various disciplines in exploitation function and well construction, operations in order to: optimize field production, optimize Well Designs, ensure the integrity of the remedial and workover activities, ensure the appropriate petroleum engineering input to well management &amp; maintenance planning.</li> <li>Ensure that key technical risks and uncertainties are assessed. ensures proper communication with relevant parties (partners, regulatory authority, third parties, etc.). Identify opportunities to develop and use new technologies to enhance production. Maintains an industry watch in completions and production technology, which could contribute to the company's success.</li> </ul>
<p><b>Knowledge, Experience &amp; Qualifications</b></p>	<ul style="list-style-type: none"> <li>Bachelor's degree in Engineering.</li> <li>At least 15 years E&amp;P experience as a Production Technologist. Will need to be familiar with well surveillance techniques, field development planning, and the fundamentals of well design, diagnosis and optimization.</li> <li>Understanding of surface facility operation, reservoir fluid flow, established and emerging technology, workovers, short-term production enhancement, and system de-bottlenecking will be useful.</li> <li>Experience on remedial solutions for well production optimization and enhancement.</li> <li>Experience in wireline and slickline intervention on existing wells.</li> <li>In depth knowledge in well completion design including sand control technique/requirement knowledge on production logging knowledge on Production Testing/DST Experience in well intervention activities.</li> <li>Experience in artificial lift design and optimization especially on Gas Lift, ESP Well completions and recompletions operation knowledge.</li> <li>Use of PROSPER, GAP and other production optimization software.</li> <li>Coaching ability good communication and interpersonal skills; consensus builder; team worker</li> <li>Effective networker, comfortable working in small teams with minimum supervision.</li> </ul>