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## **Agbami Field Development: Incident and Injury-Free Culture: A Journey to Achieve World Class HES Performance**

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### **Abstract**

The Agbami Project is a unitized development. Star Deep Water Petroleum Limited, an affiliate of Chevron Corporation, is the operator of the Agbami Unit, The concessionaires are Famfa Oil Limited and Nigerian National Petroleum Corporation and the other partners are Petroleo Brasileiro Nigeria Limited, Statoil Nigeria Limited and Texaco Nigeria Outer Shelf Inc., a Chevron Corporation affiliate. The Agbami Project achieved outstanding safety performance during project: Execution, Installation, Hook-up and Commissioning. The major keys in achieving world class safety performance were the focus on: Incident and Injury Free (IIF) Culture development, Training, Safe Facilities Design, Operational Excellence, Risk Management, Safe Job Analysis, Incident Investigation and Reporting, Emergency Response and Contractor Management.

This paper will provide a look back into the major safety challenges and solutions that occurred during the Phase 4: Execution, Fabrication, Hook-up and Commissioning and Hand Over to operations phase of the project. Some of the major project HES milestones will be reviewed as well as HES statistics to help develop a better overall appreciation for the Agbami Project's safety implementation and performance.

### **Results, Observations, Conclusions**

In conclusion the development of an Incident and Injury Free (IIF) Culture is critical in achieving world class safety performance for major capital projects. There is also the need to have mature safety processes in place and functioning i.e.: Safe Facilities Design, Operational Excellence, Risk Management, Safe Job Analysis, Incident Investigation and Reporting, Training, Emergency Response and Contractor Management. All of these elements along with top down management support, commitment and leadership help drive excellent safety performance and organizational capability. Over time through the sharing of Lessons Learned, a Safe Culture as well as a Learning Organizational Culture will develop. The development of this dual culture will promote the cycle of continual improvement and enhance better safety performance.

### **Significance of Subject Matter**

The importance of reviewing the "Safety Journey of the Agbami Project" is to assure that the Lessons Learned are shared, benchmarked and communicated to stakeholders and interested parties. This will assure continual safety improvement in the execution of major capital project's (MCP's) industry wide.

### **Definitions**

Company; refers to Star Deep Water Petroleum Limited (Star Deep) which is an affiliate of Chevron Corporation.

Contractor; is defined as any company or individual that is under contract or sub-contract that performs work or provides services to Company.