# Install Gaslift on Wells EA24 & 54 by September 2022

## Business Case/Objectives

Due to declining EA reservoir pressures and conditions, artificial lift using gas is required to sustain production from candidate wells.

Gas lifts use the artificial lift method by injecting gas into the production tubing of the well to raise water or oil. This process allows well fluids to begin to flow when they are unable to sustain the well bore pressures required to flow on their own.

2 wells have been identified by a multi disciplinary team (WRFM, Ops, Mtce, Engineering) as having the potential to increase oil production in EA by 700bopd if gas lift is introduced.

This proposal is to support the decision to therefore carry out gas lift installation on EA 24 and EA 54.

**Objective:**

To increase EA oil production by 700bopd by September 2022.

## Potential Benefits & Measurement:

1. Oil production increase - 700bopd.

## High-Level Timeline:

- L0-L1
- L2: Impacts fully identified and FCF calculated
- L3: Secure approval for implementation
- L4: Complete all major actions
- L5: Initiative End

## Project Milestones /Actions:

**Material Procurement**

- LLI procurement – Dec 2021 - completed

**Surface Equipment installation**

- Mechanical Scope Completion – Jul 2022
- E and I scope completion – Aug 2022
- Triconex/DCS integration & well commissioning – Aug 2022

**Sub-surface equipment installation**

- Gas lift valve/mandrel installation (downhole) (JUB required, CWI scope) – Aug 2022

## Critical Success Factors:

- Oil production increase - 700bopd.

## Project Team/Sponsor:

Project Sponsor: Christopher Ugochukwu

Implementation Lead – Nwachi Ogbonna/Boma Brown

Project Team:
Frank Iyoyo